

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100722\
 Data File : VW028397.D
 Acq On : 07 Oct 2022 10:39
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010265

Quant Time: Oct 07 23:21:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	502716	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	456962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	227562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41000	9.796	ug/L	0.00
7) Chloroethane-d5	1.568	69	32066	9.539	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	67475	9.066	ug/L	0.00
21) 2-Butanone-d5	3.850	46	51	0.018	ug/L	-0.04
24) Chloroform-d	4.346	84	72116	8.921	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	46762	9.871	ug/L	0.00
32) Benzene-d6	5.047	84	151213	10.834	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	47527	10.459	ug/L	0.00
41) Toluene-d8	7.313	98	132210	10.869	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	24361	12.208	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	53375	25.999	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67156	10.005	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.615	152	48611	11.097	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	39266	7.920	ug/L	99
3) Chloromethane	1.240	50	44650	9.336	ug/L	100
5) Vinyl chloride	1.310	62	43195	8.629	ug/L	99
6) Bromomethane	1.519	94	19115	6.595	ug/L	98
8) Chloroethane	1.584	64	26522	8.961	ug/L	90
9) Trichlorofluoromethane	1.751	101	53380	7.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	30289	7.648	ug/L	100
12) 1,1-Dichloroethene	2.114	96	29084	7.809	ug/L	97
13) Acetone	2.204	43	17463	8.418	ug/L	93
14) Carbon disulfide	2.291	76	94923	8.764	ug/L	98
15) Methyl Acetate	2.439	43	48489	11.163	ug/L	97
16) Methylene chloride	2.503	84	38933	8.145	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	34716	8.708	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	127584	10.952	ug/L	98
19) 1,1-Dichloroethane	3.185	63	72307	9.670	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	40266	9.469	ug/L	99
22) 2-Butanone	3.773	43	185	0.066	ug/L	99
23) Bromochloromethane	4.249	128	19007	7.995	ug/L	96
25) Chloroform	4.371	83	69947	8.888	ug/L	97
27) 1,2-Dichloroethane	5.133	62	51648	9.163	ug/L	97
29) Cyclohexane	4.670	56	67026	13.053	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	58628	9.679	ug/L	96
31) Carbon tetrachloride	4.825	117	50467	9.620	ug/L	98
33) Benzene	5.098	78	155298	10.569	ug/L	100
34) Trichloroethene	5.915	95	38514	10.173	ug/L	97
35) Methylcyclohexane	6.127	83	66154	11.516	ug/L	99
37) 1,2-Dichloropropane	6.172	63	39724	10.261	ug/L	100
38) Bromodichloromethane	6.510	83	53625	10.255	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	61318	10.975	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	143412	28.952	ug/L	100
42) Toluene	7.384	91	155927	10.470	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	59564	11.002	ug/L	98

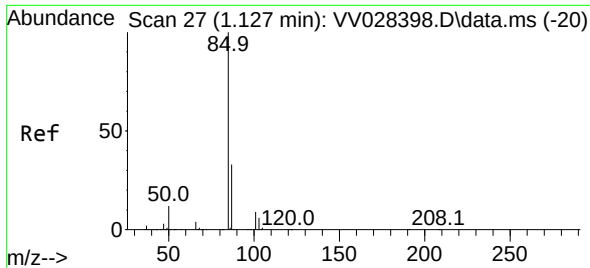
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100722\
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 QLast Update : Fri Oct 07 23:20:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	37713	9.415	ug/L	97
46) Tetrachloroethene	7.969	164	27273	9.398	ug/L	99
48) 2-Hexanone	8.140	43	107300	28.349	ug/L	98
49) Dibromochloromethane	8.243	129	39561	9.359	ug/L	100
50) 1,2-Dibromoethane	8.349	107	39552	9.610	ug/L	97
51) Chlorobenzene	8.876	112	98174	9.487	ug/L	97
52) Ethylbenzene	9.008	91	169224	10.763	ug/L	98
53) m,p-Xylene	9.133	106	63624	10.490	ug/L	97
54) o-Xylene	9.538	106	64888	10.936	ug/L	99
55) Styrene	9.554	104	109037	10.612	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	65533	10.049	ug/L	98
59) Bromoform	9.728	173	28100	10.711	ug/L	99
60) Isopropylbenzene	9.924	105	169861	12.151	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	51100	11.001	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	144709	12.523	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	142303	12.370	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	72770	10.498	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	71641	9.806	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	73084	10.289	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	14552	11.376	ug/L	96
69) 1,3,5-Trichlorobenzene	12.635	180	52029	10.365	ug/L	97
70) 1,2,4-trichlorobenzene	13.252	180	44345	10.280	ug/L	98
71) Naphthalene	13.493	128	136662	10.285	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	44793	10.254	ug/L	98

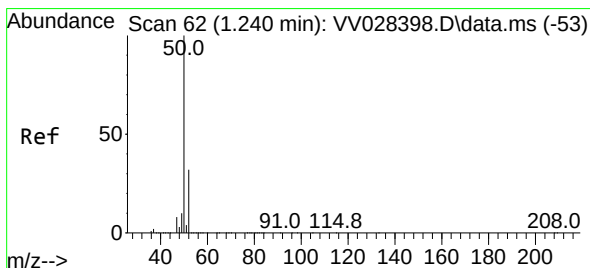
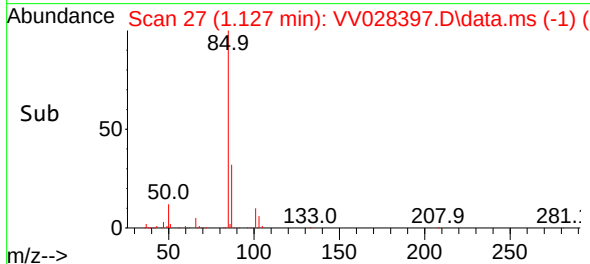
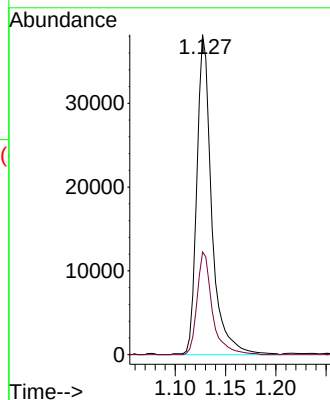
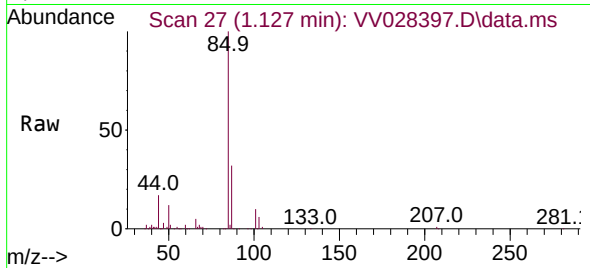
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 7.920 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

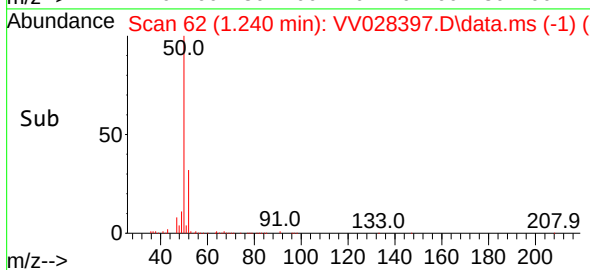
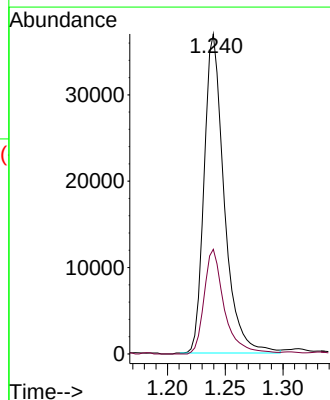
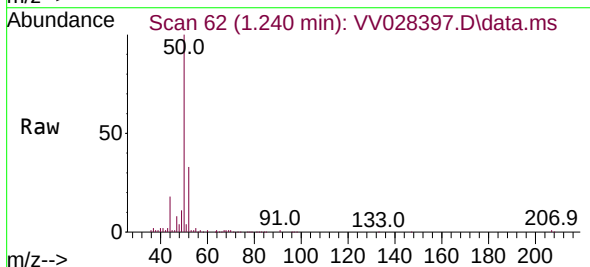
Instrument :
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 VSTD010265

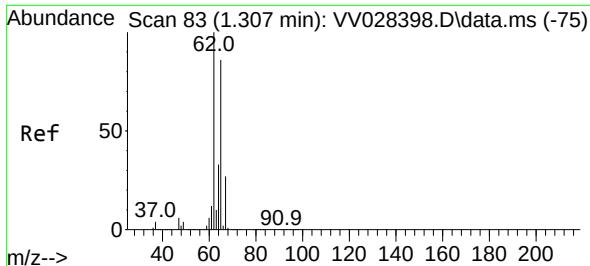
Tgt Ion: 85 Resp: 39266
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 9.336 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

Tgt Ion: 50 Resp: 44650
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.7 42.3

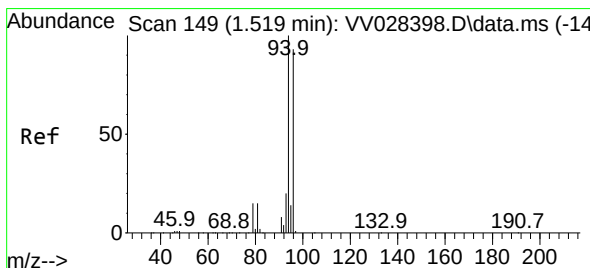
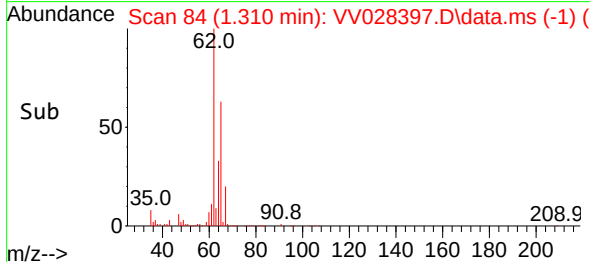
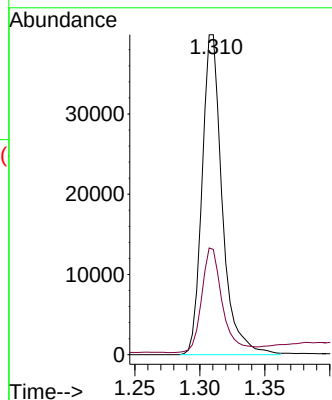
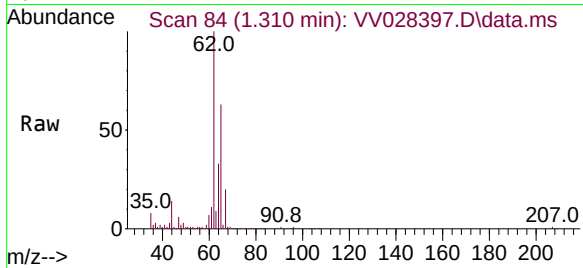




#5
 Vinyl chloride
 Concen: 8.629 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

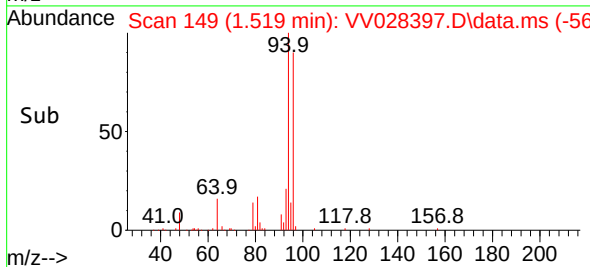
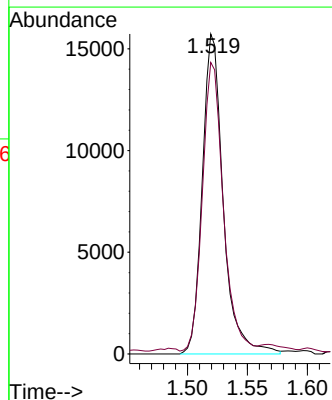
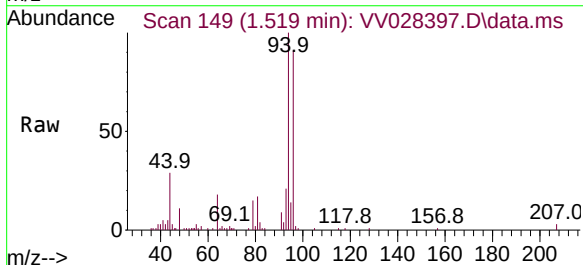
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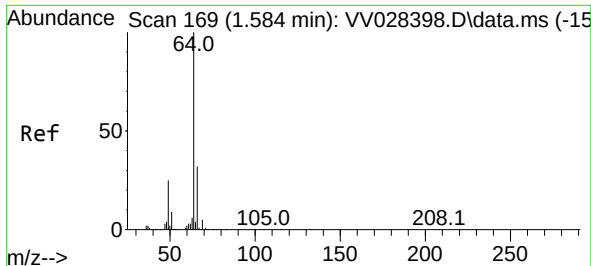
Tgt Ion: 62 Resp: 43195
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.3 43.3



#6
 Bromomethane
 Concen: 6.595 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

Tgt Ion: 94 Resp: 19115
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.5 121.6

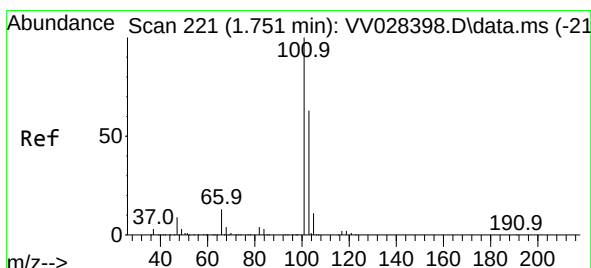
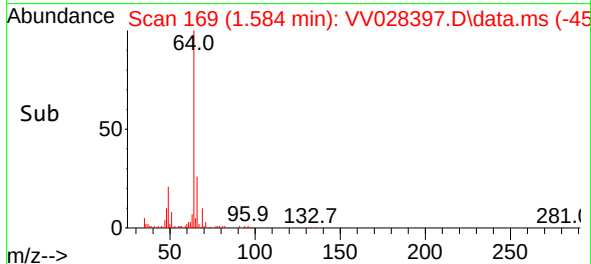
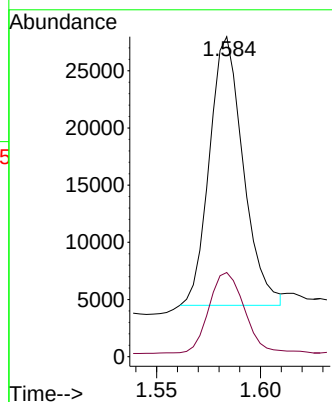
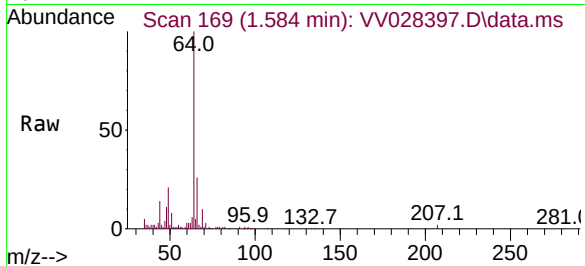




#8
Chloroethane
Concen: 8.961 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

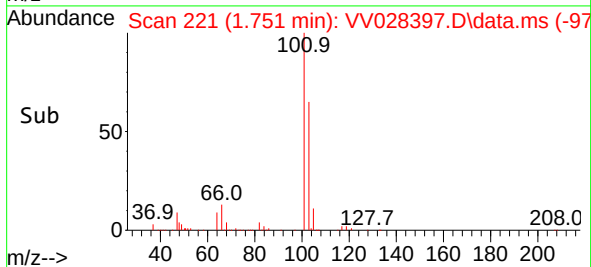
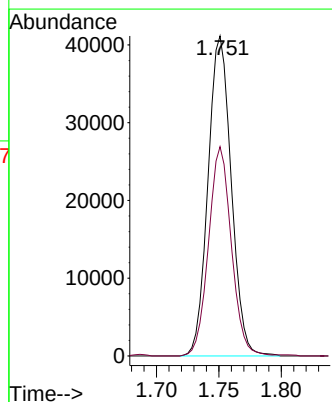
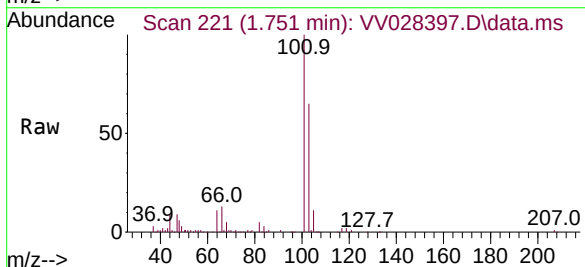
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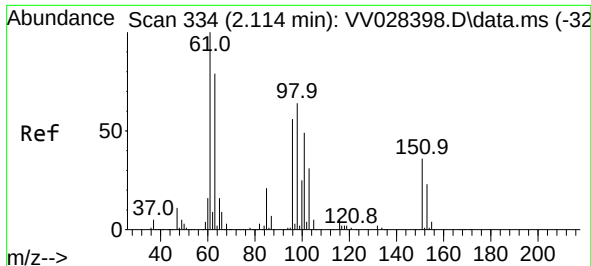
Tgt Ion: 64 Resp: 26522
Ion Ratio Lower Upper
64 100
66 26.3 22.2 41.2



#9
Trichlorofluoromethane
Concen: 7.839 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 101 Resp: 53380
Ion Ratio Lower Upper
101 100
103 64.2 50.7 76.1

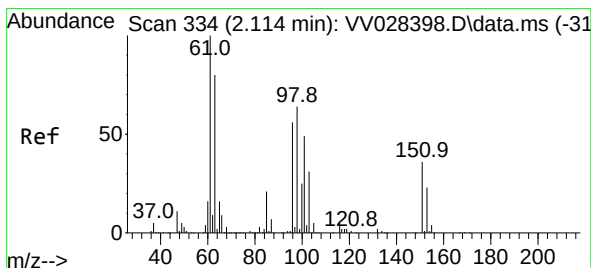
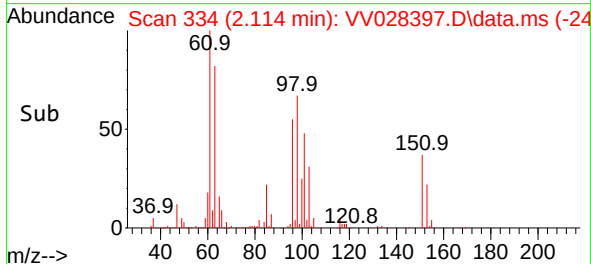
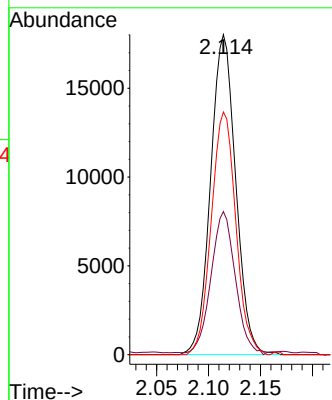
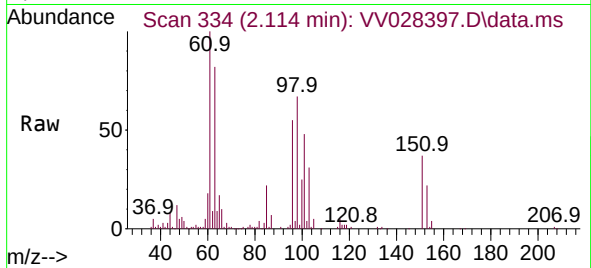




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 7.648 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

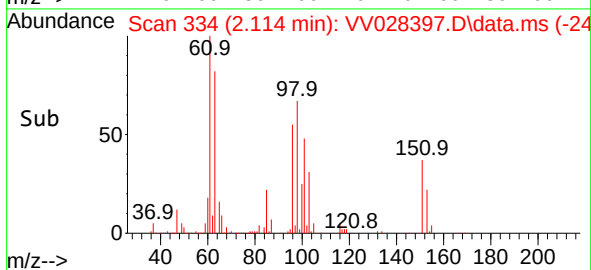
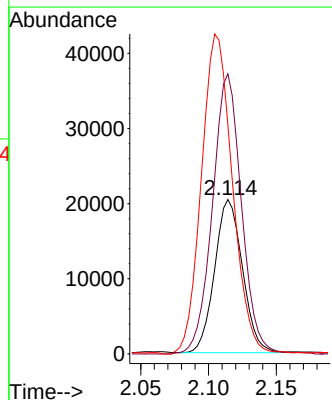
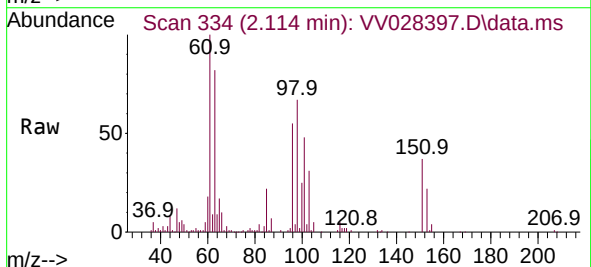
Instrument :
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 ClientSampleId :
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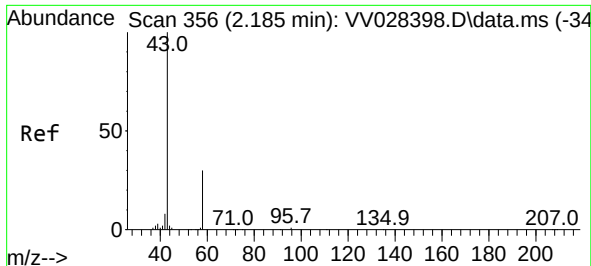
Tgt Ion:101 Resp: 30289
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.9 52.3
 151 74.3 59.2 88.8



#12
 1,1-Dichloroethene
 Concen: 7.809 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

Tgt Ion: 96 Resp: 29084
 Ion Ratio Lower Upper
 96 100
 61 181.4 125.6 233.2
 63 148.3 100.0 185.6

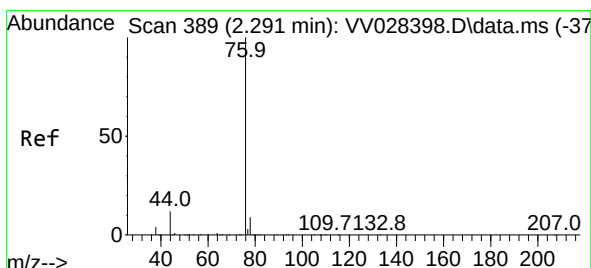
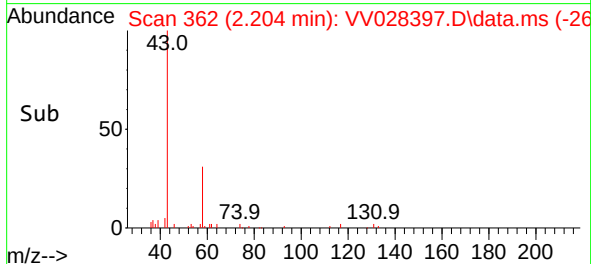
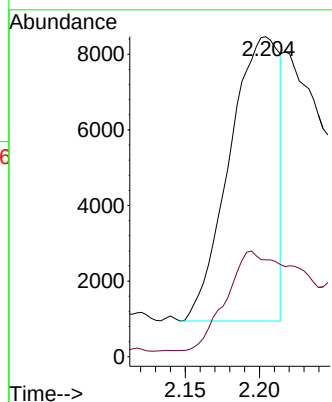
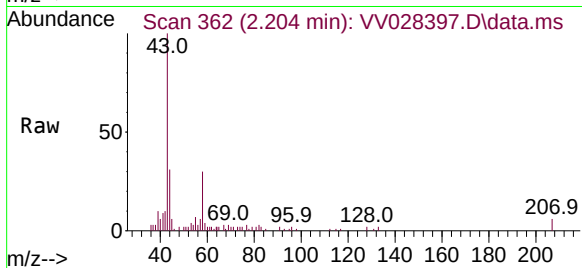




#13
Acetone
Concen: 8.418 ug/L
RT: 2.204 min Scan# 30
Delta R.T. 0.019 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

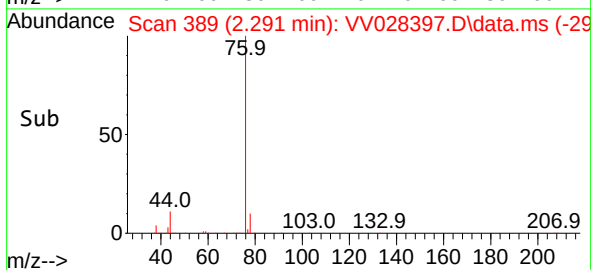
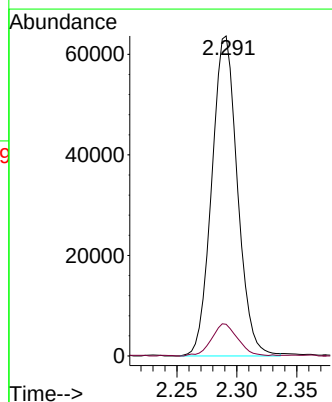
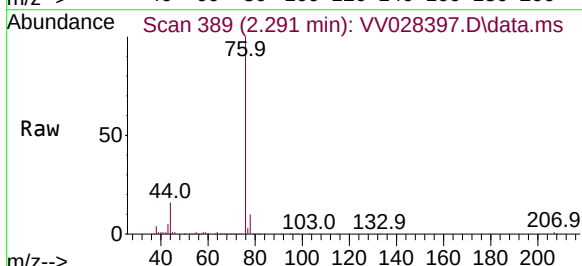
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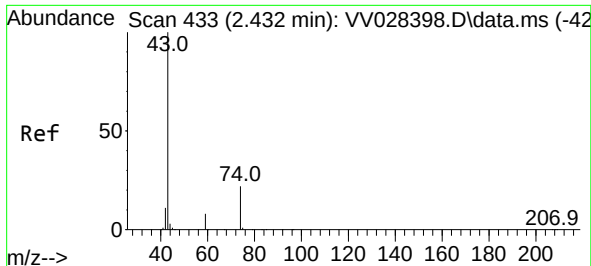
Tgt Ion: 43 Resp: 17463
Ion Ratio Lower Upper
43 100
58 27.0 0.0 47.0



#14
Carbon disulfide
Concen: 8.764 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 76 Resp: 94923
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

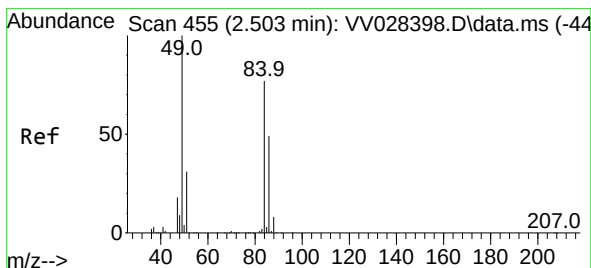
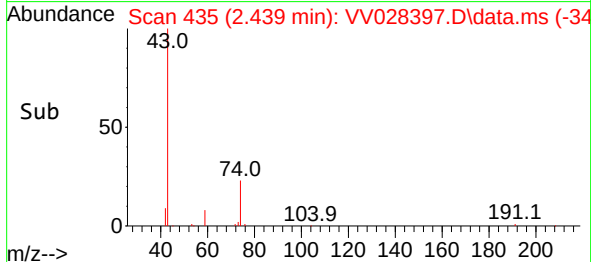
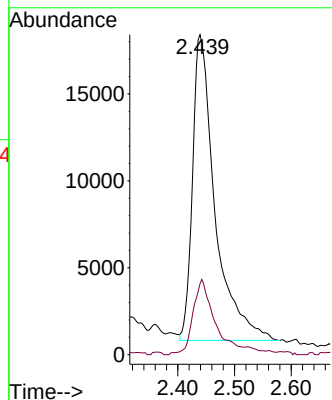
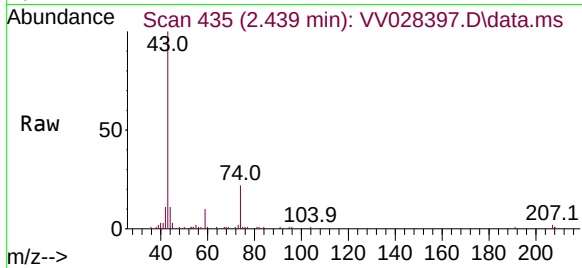




#15
Methyl Acetate
Concen: 11.163 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV028397.D
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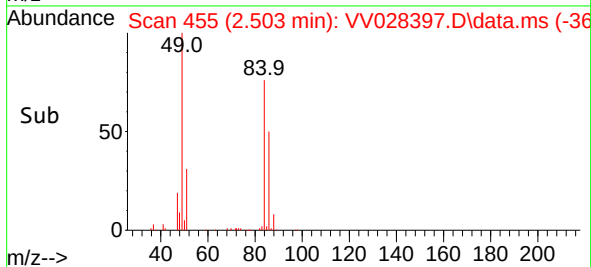
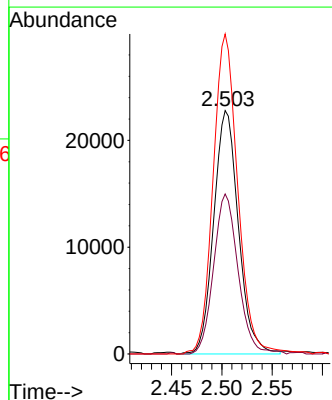
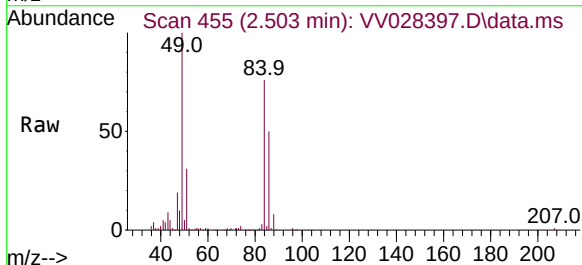
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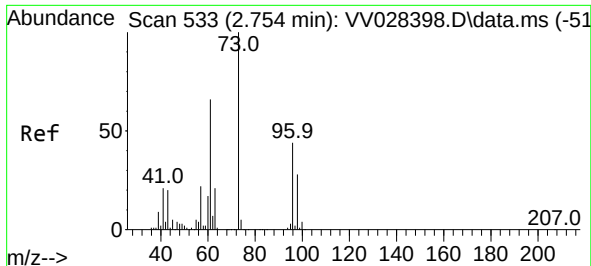
Tgt Ion: 43 Resp: 48489
Ion Ratio Lower Upper
43 100
74 21.9 18.8 28.2



#16
Methylene chloride
Concen: 8.145 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 84 Resp: 38933
Ion Ratio Lower Upper
84 100
86 65.8 44.2 82.2
49 131.5 90.5 168.1

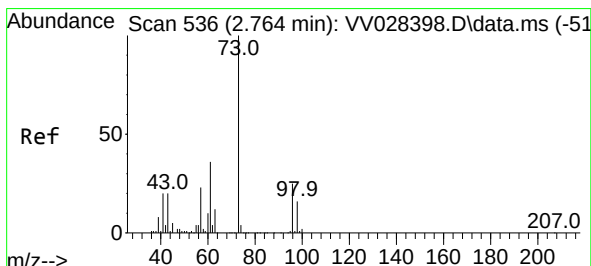
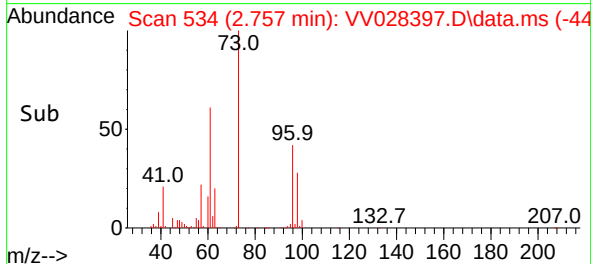
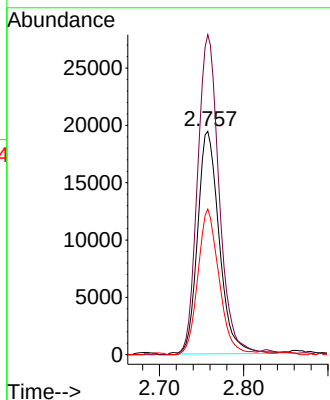
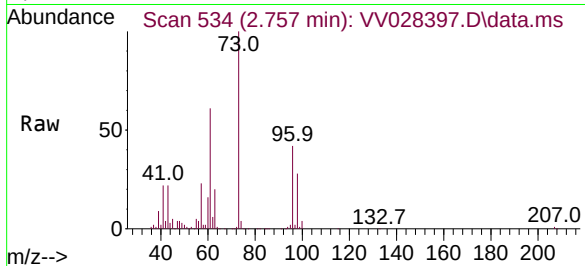




#17
trans-1,2-Dichloroethene
Concen: 8.708 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

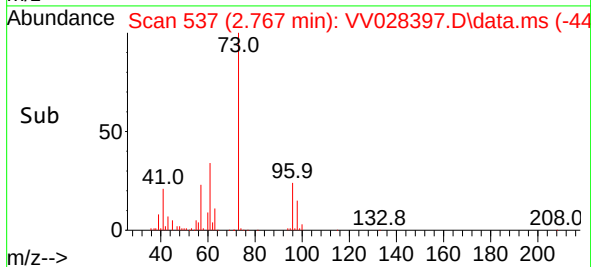
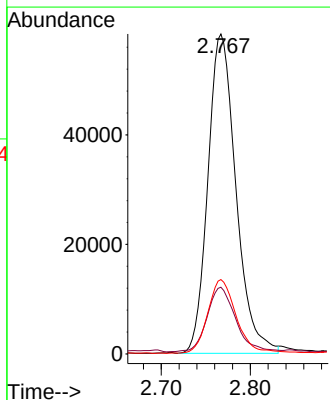
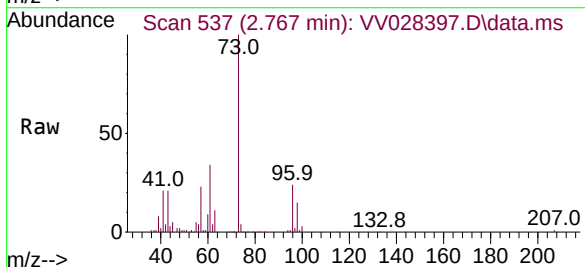
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

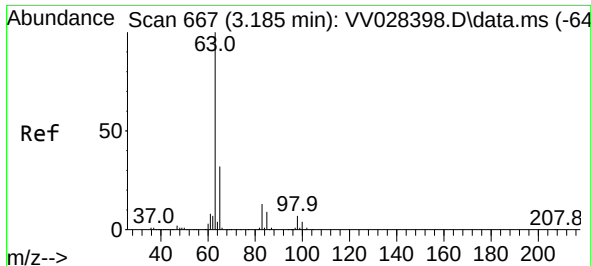
Tgt Ion: 96 Resp: 34716
Ion Ratio Lower Upper
96 100
61 143.2 104.8 194.6
98 65.1 44.5 82.7



#18
Methyl tert-butyl Ether
Concen: 10.952 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 73 Resp: 127584
Ion Ratio Lower Upper
73 100
43 20.6 15.6 23.4
57 23.3 18.2 27.4





#19

1,1-Dichloroethane

Concen: 9.670 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD010265

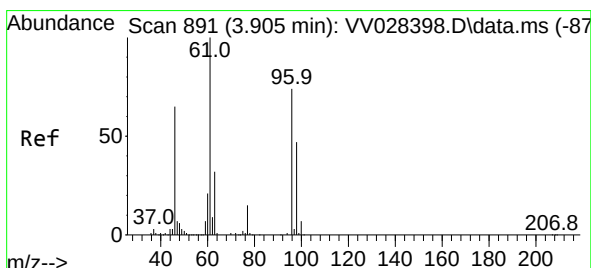
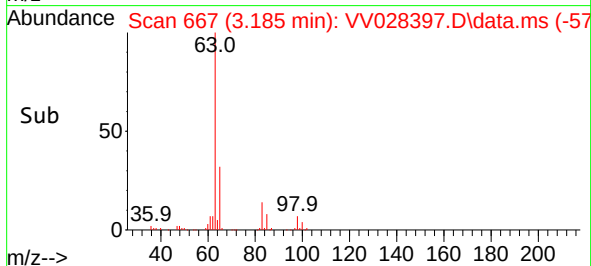
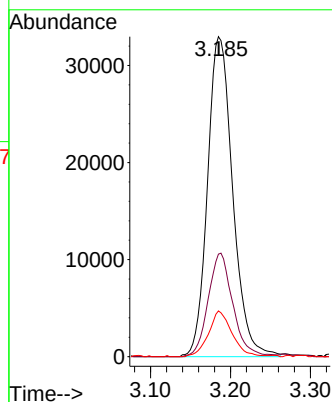
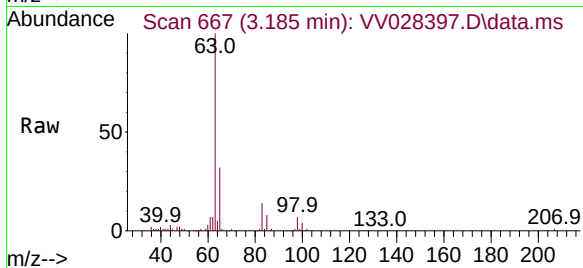
Tgt Ion: 63 Resp: 72307

Ion Ratio Lower Upper

63 100

65 32.1 22.6 42.0

83 14.3 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 9.469 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

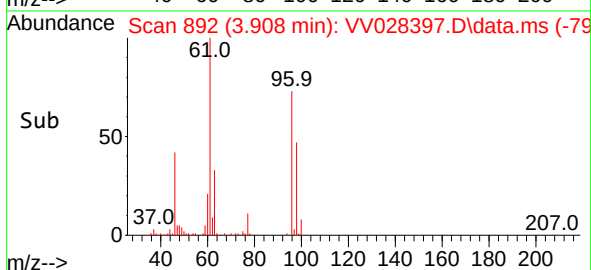
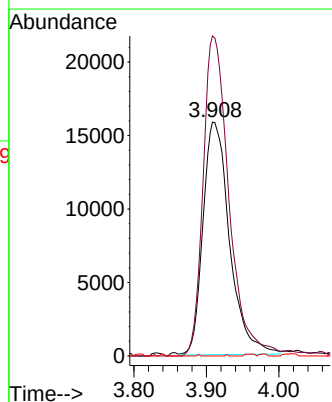
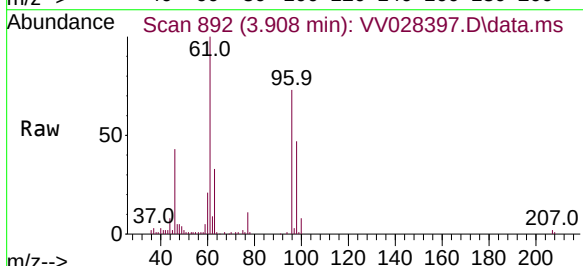
Tgt Ion: 96 Resp: 40266

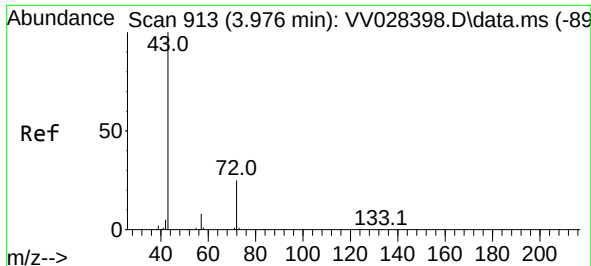
Ion Ratio Lower Upper

96 100

61 136.8 95.0 176.4

68 0.0 0.0 0.0

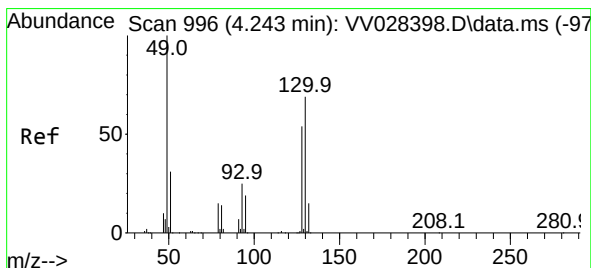
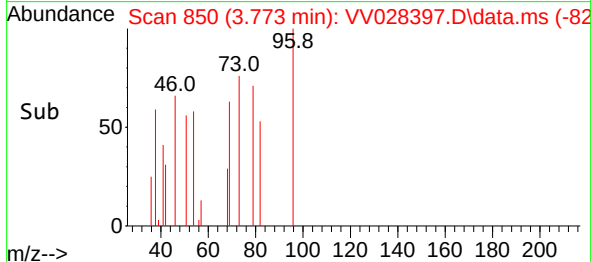
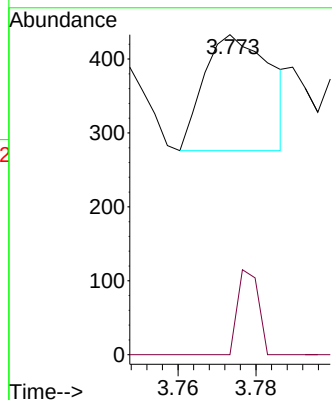
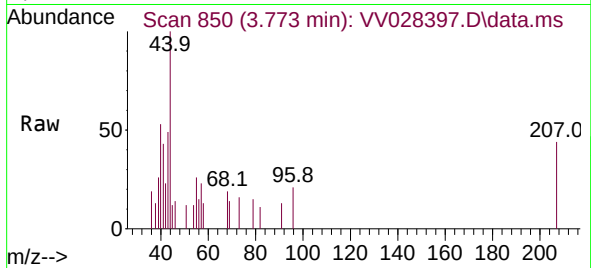




#22
2-Butanone
Concen: 0.066 ug/L
RT: 3.773 min Scan# 81
Delta R.T. -0.202 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

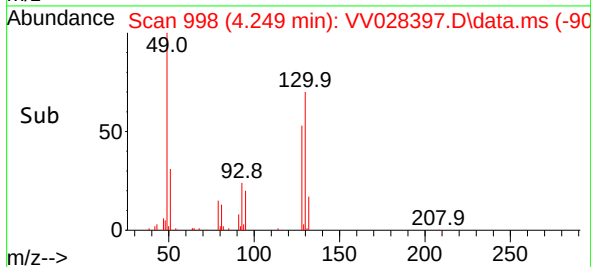
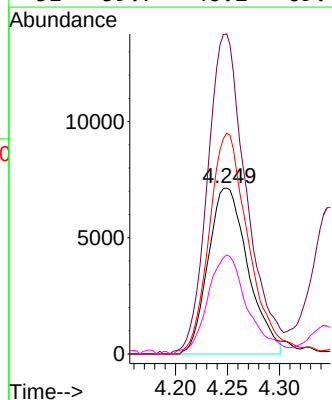
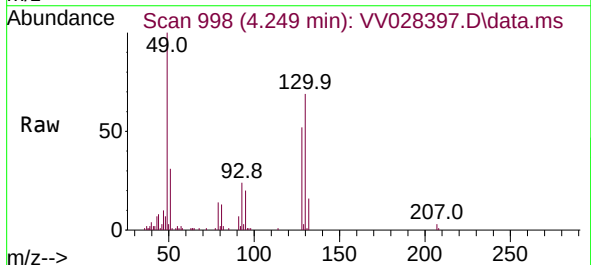
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

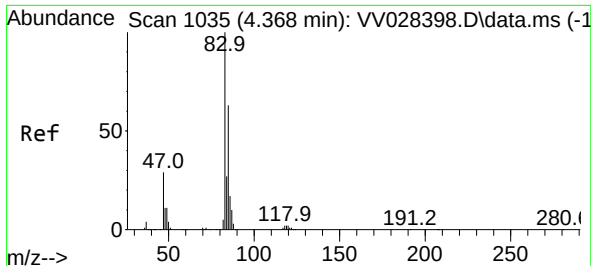
Tgt Ion: 43 Resp: 185
Ion Ratio Lower Upper
43 100
72 22.7 11.1 33.1



#23
Bromochloromethane
Concen: 7.995 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.007 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 128 Resp: 19007
Ion Ratio Lower Upper
128 100
49 192.8 130.6 242.6
130 133.0 90.0 167.2
51 59.7 46.2 69.4

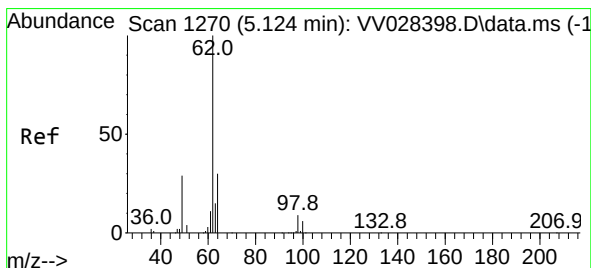
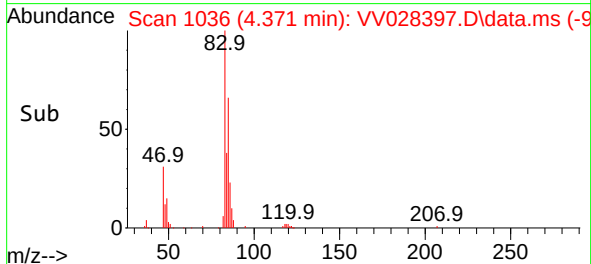
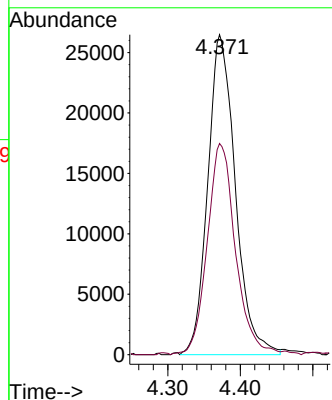
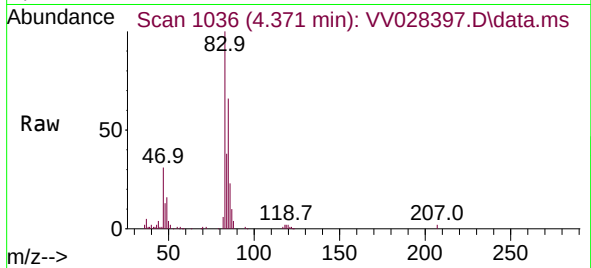




#25
Chloroform
Concen: 8.888 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

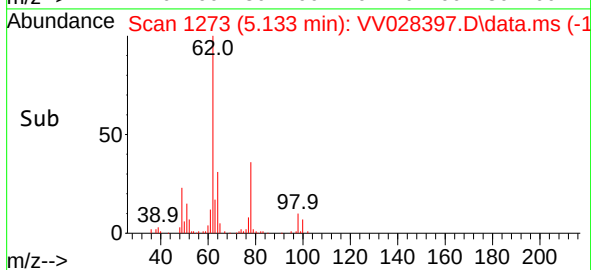
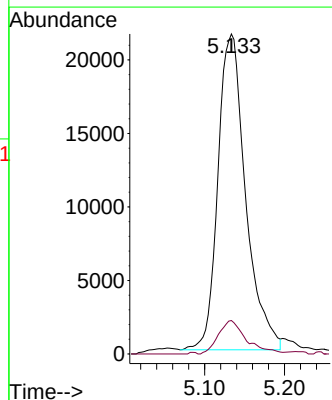
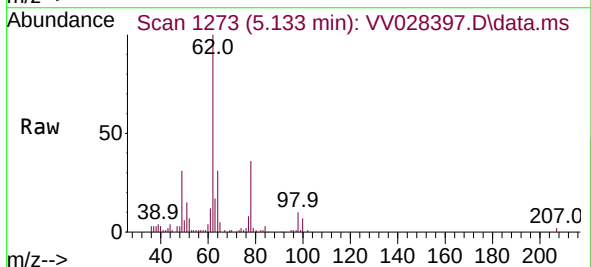
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

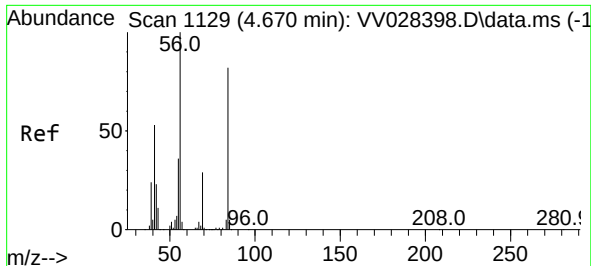
Tgt Ion: 83 Resp: 69947
Ion Ratio Lower Upper
83 100
85 66.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 9.163 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 62 Resp: 51648
Ion Ratio Lower Upper
62 100
98 10.4 7.6 11.4





#29

Cyclohexane

Concen: 13.053 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD010265

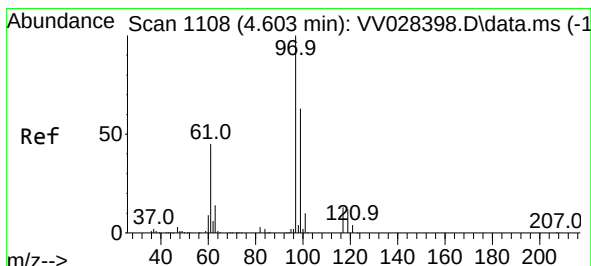
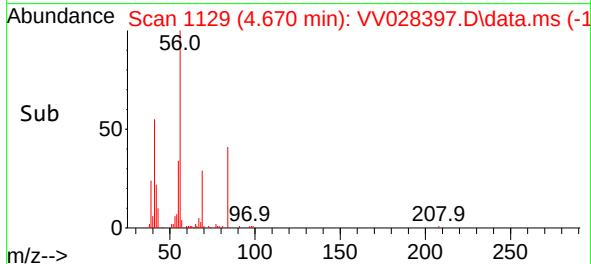
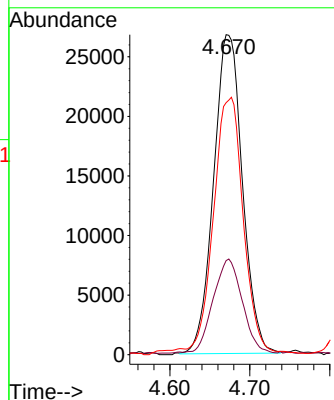
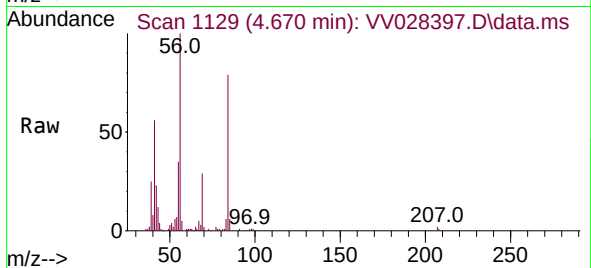
Tgt Ion: 56 Resp: 67026

Ion Ratio Lower Upper

56 100

69 30.3 23.0 34.6

84 81.6 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 9.679 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

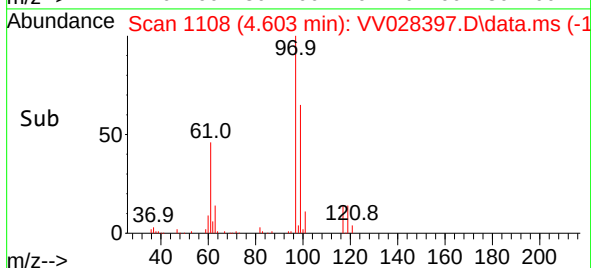
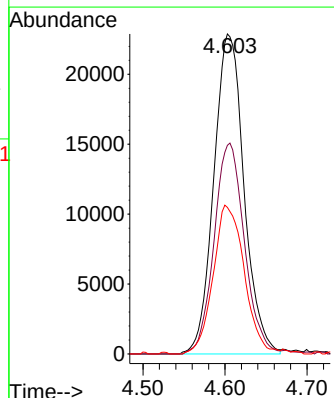
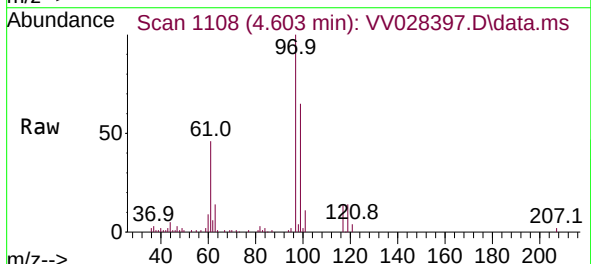
Tgt Ion: 97 Resp: 58628

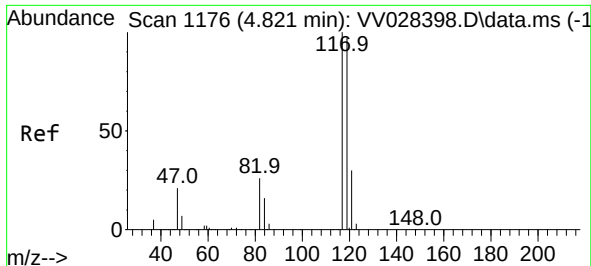
Ion Ratio Lower Upper

97 100

99 66.1 50.2 75.2

61 47.4 35.8 53.6

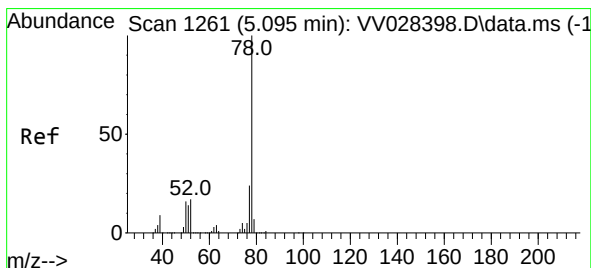
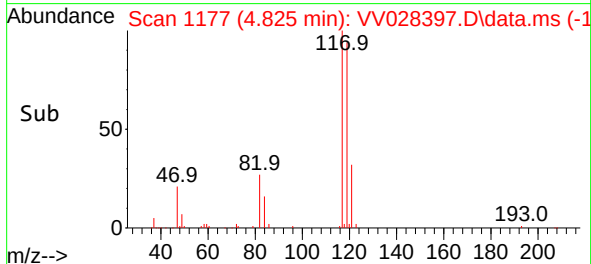
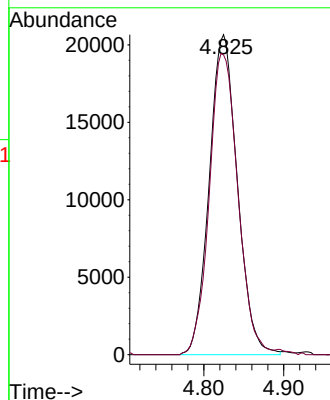
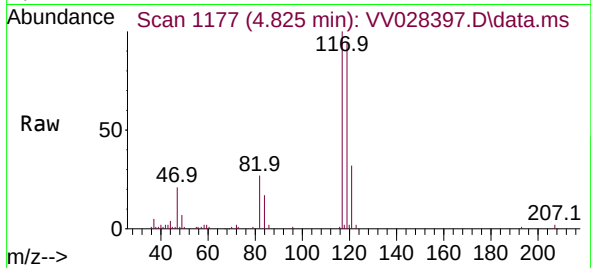




#31
Carbon tetrachloride
Concen: 9.620 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

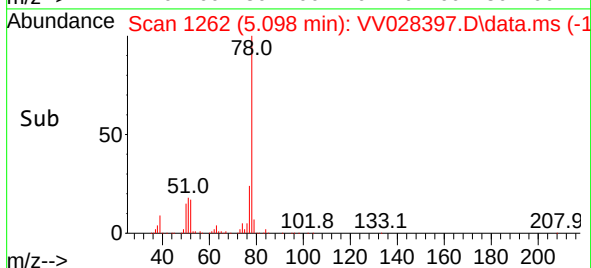
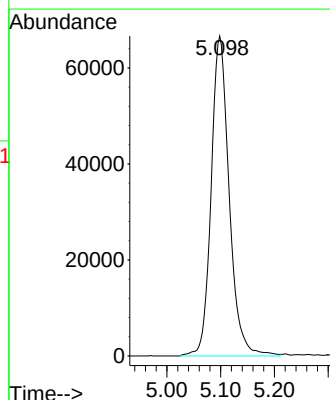
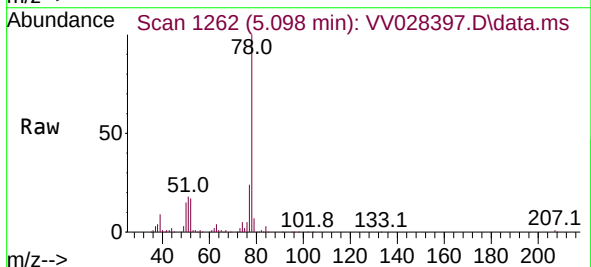
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

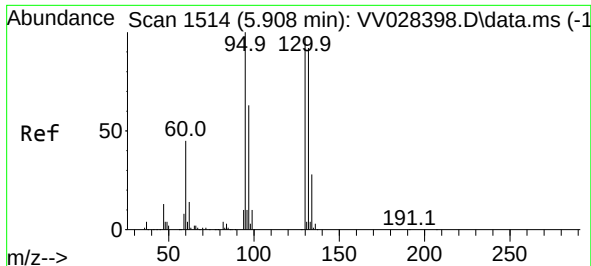
Tgt Ion:117 Resp: 50467
Ion Ratio Lower Upper
117 100
119 95.8 78.0 117.0



#33
Benzene
Concen: 10.569 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 78 Resp: 155298

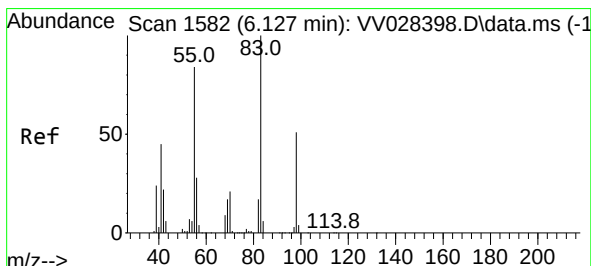
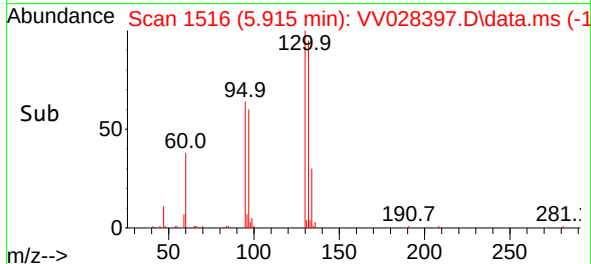
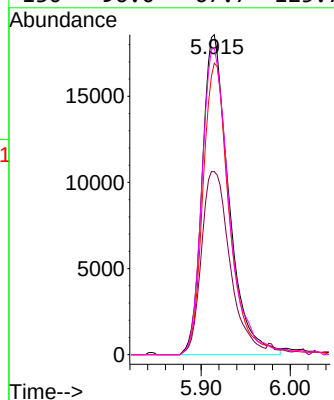
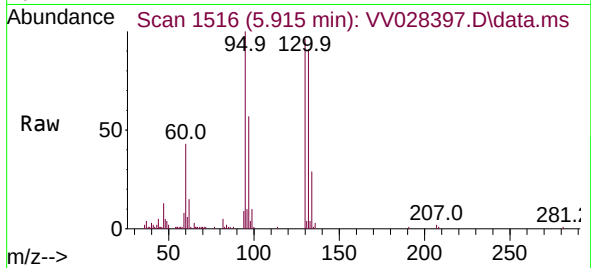




#34
Trichloroethene
Concen: 10.173 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

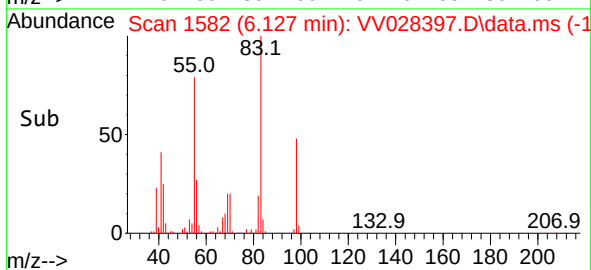
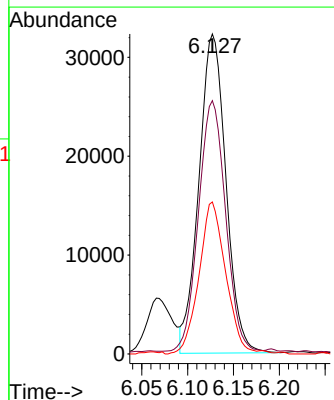
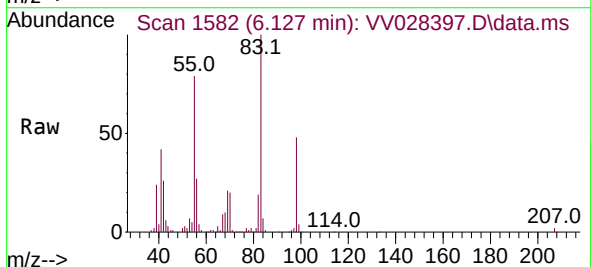
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

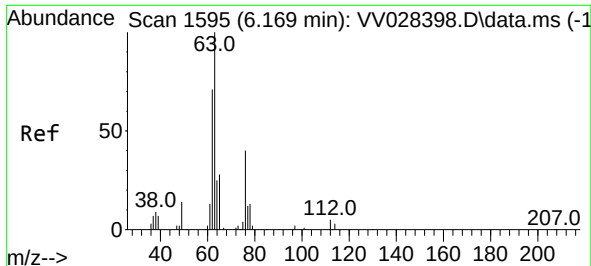
Tgt Ion:	95	Resp:	38514
Ion	Ratio	Lower	Upper
95	100		
97	57.2	44.4	82.4
132	91.1	64.3	119.5
130	96.0	67.7	125.7



#35
Methylcyclohexane
Concen: 11.516 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion:	83	Resp:	66154
Ion	Ratio	Lower	Upper
83	100		
55	78.6	63.7	95.5
98	46.9	38.2	57.2





#37

1,2-Dichloropropane

Concen: 10.261 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

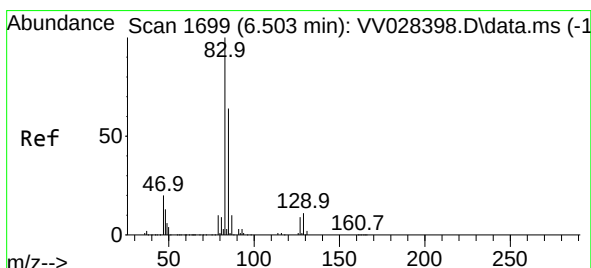
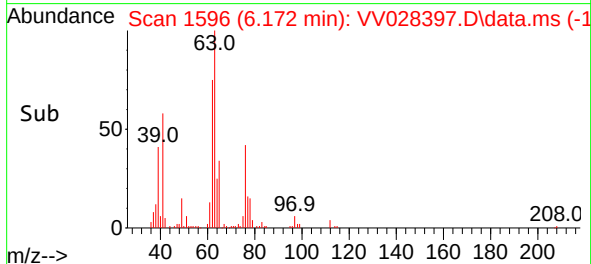
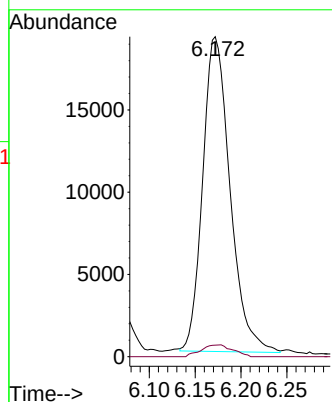
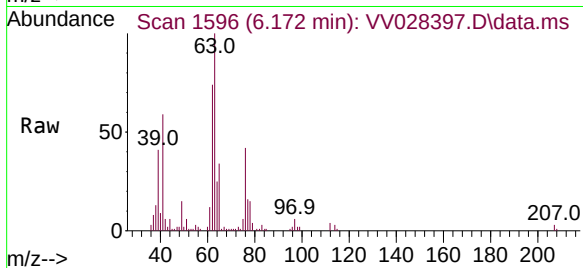
VSTD010265

Tgt Ion: 63 Resp: 39724

Ion Ratio Lower Upper

63 100

112 4.3 3.5 5.3



#38

Bromodichloromethane

Concen: 10.255 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.007 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

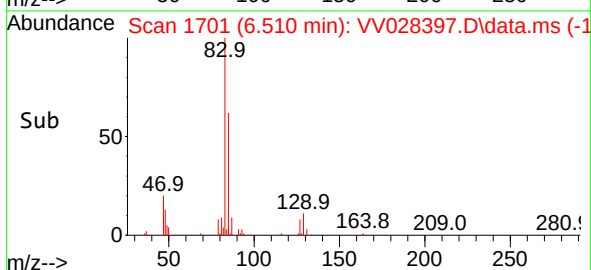
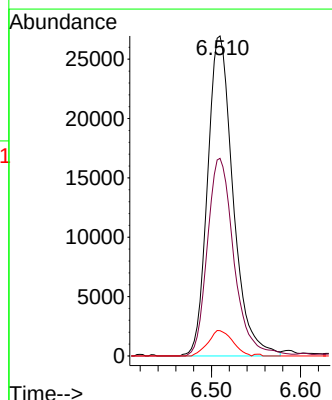
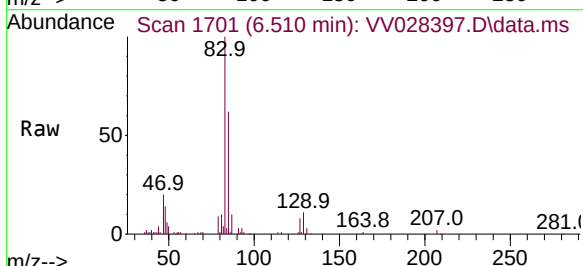
Tgt Ion: 83 Resp: 53625

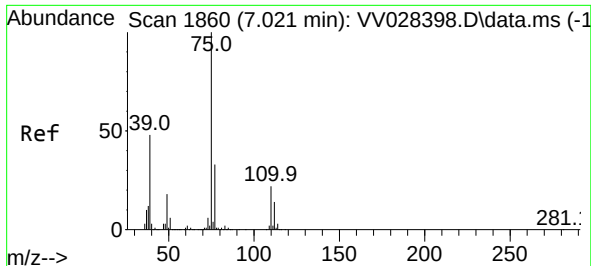
Ion Ratio Lower Upper

83 100

85 61.8 45.1 83.7

127 8.7 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 10.975 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

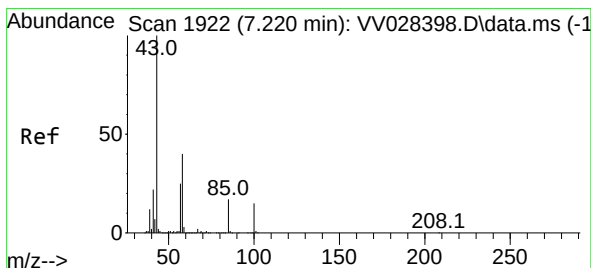
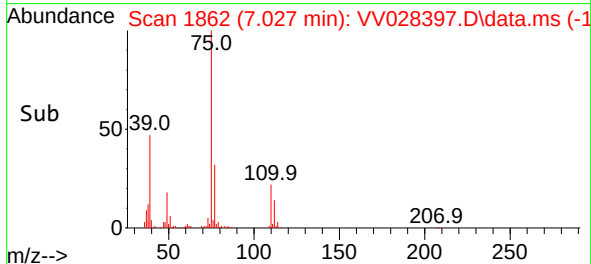
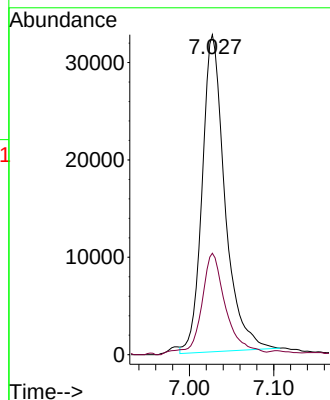
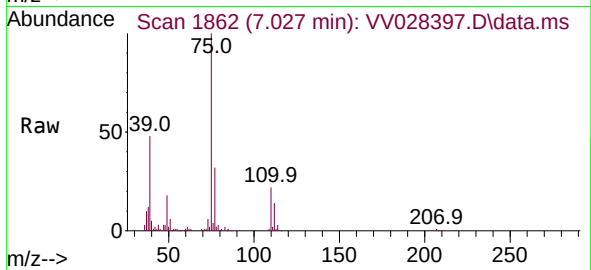
VSTD010265

Tgt Ion: 75 Resp: 61318

Ion Ratio Lower Upper

75 100

77 31.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 28.952 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

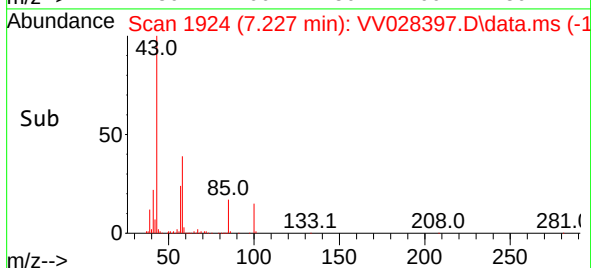
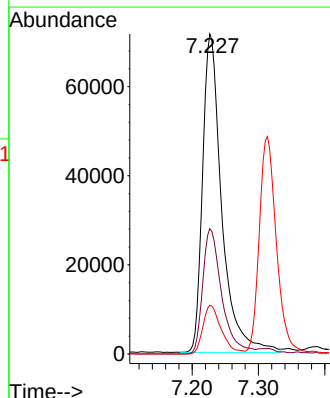
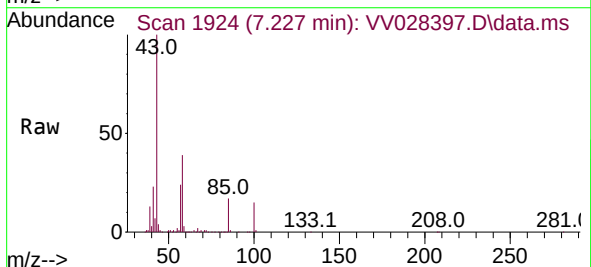
Tgt Ion: 43 Resp: 143412

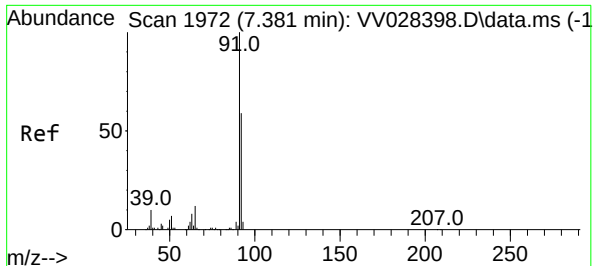
Ion Ratio Lower Upper

43 100

58 39.0 31.3 46.9

100 14.7 11.5 17.3





#42

Toluene

Concen: 10.470 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

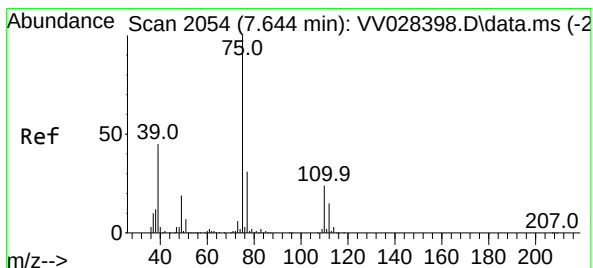
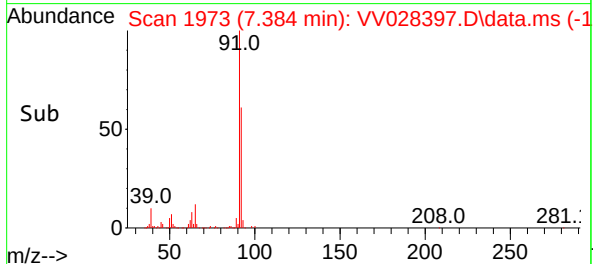
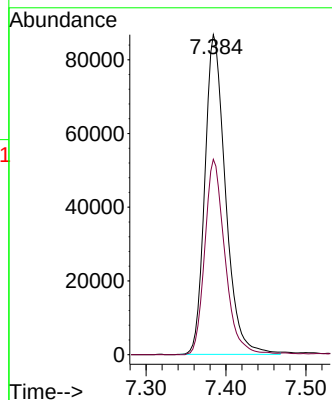
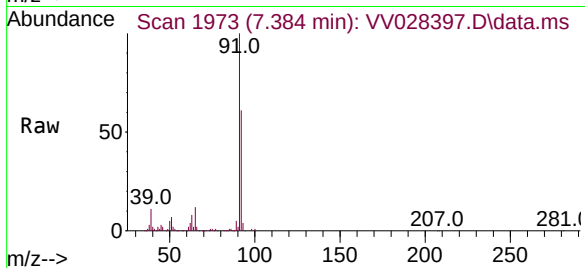
VSTD010265

Tgt Ion: 91 Resp: 155927

Ion Ratio Lower Upper

91 100

92 61.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 11.002 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VV028397.D

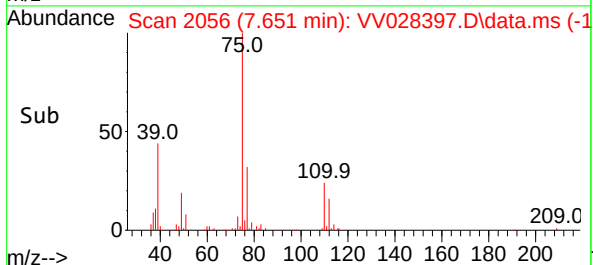
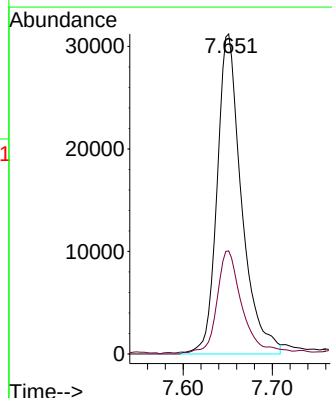
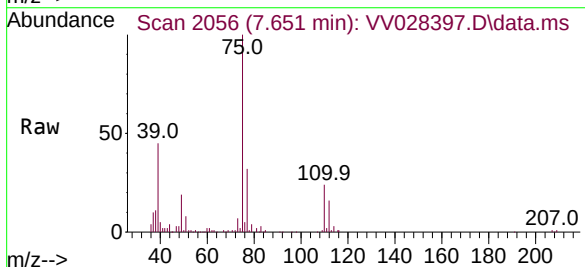
Acq: 07 Oct 2022 10:39

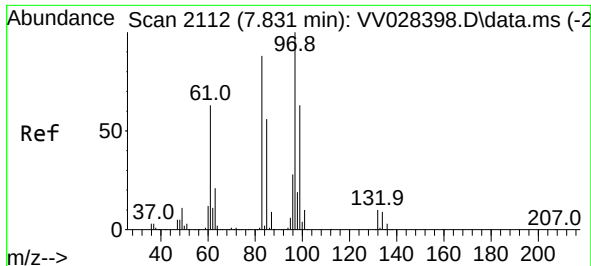
Tgt Ion: 75 Resp: 59564

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4

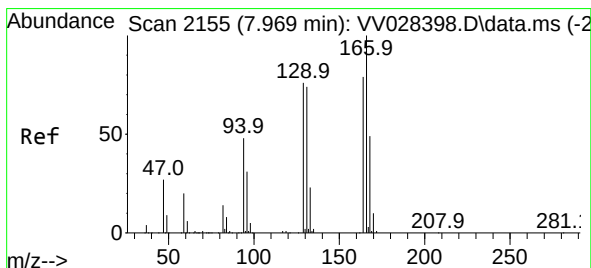
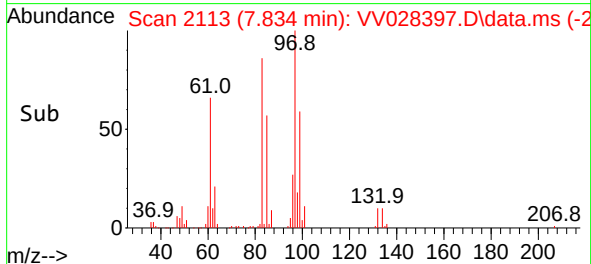
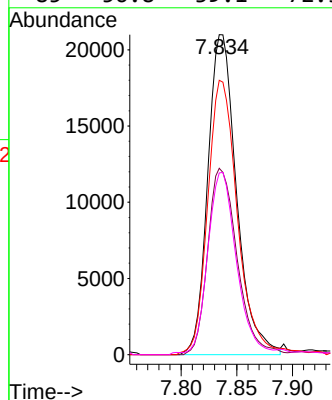
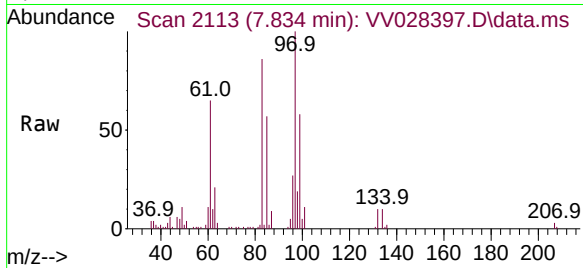




#45
1,1,2-Trichloroethane
Concen: 9.415 ug/L
RT: 7.834 min Scan# 2112
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

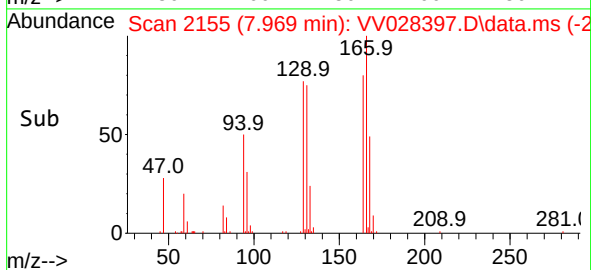
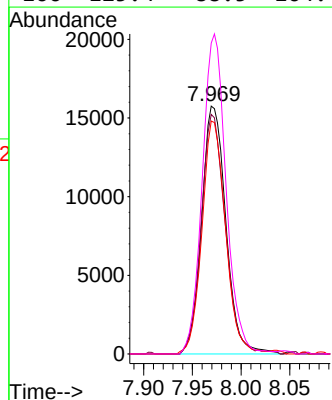
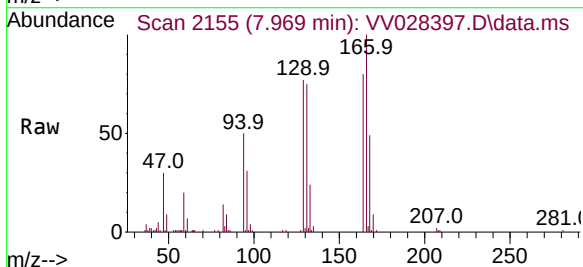
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

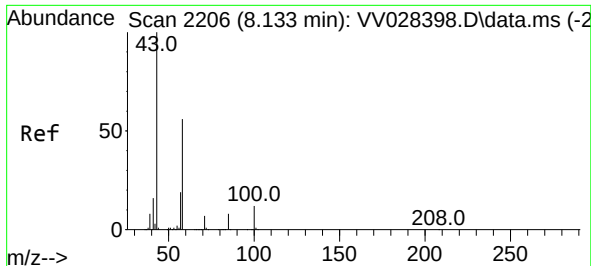
Tgt Ion:	97	Resp:	37713
Ion	Ratio	Lower	Upper
97	100		
99	58.2	43.9	81.5
83	85.7	61.9	114.9
85	56.8	39.1	72.5



#46
Tetrachloroethene
Concen: 9.398 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion:	164	Resp:	27273
Ion	Ratio	Lower	Upper
164	100		
129	96.6	67.4	125.2
131	94.0	65.2	121.2
166	125.4	88.5	164.4

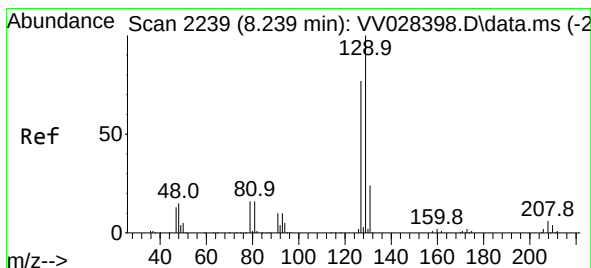
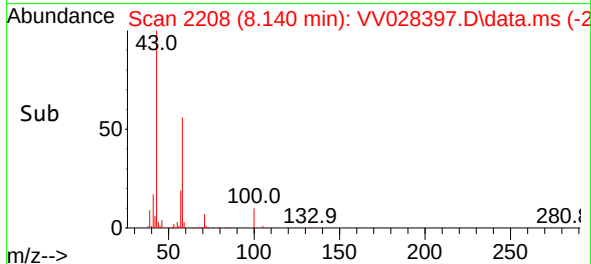
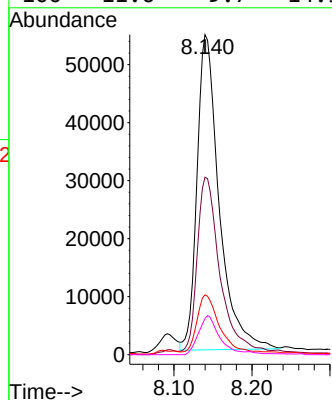
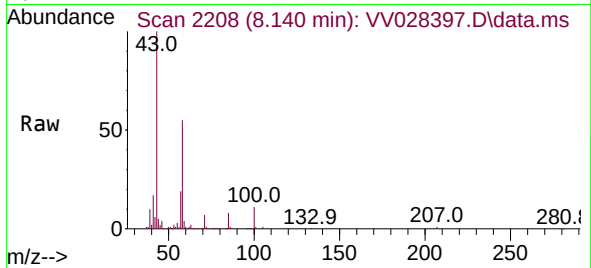




#48
2-Hexanone
Concen: 28.349 ug/L
RT: 8.140 min Scan# 211
Delta R.T. 0.006 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

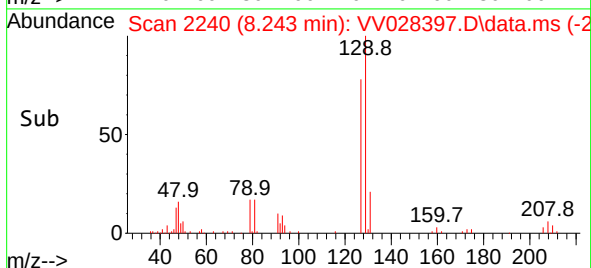
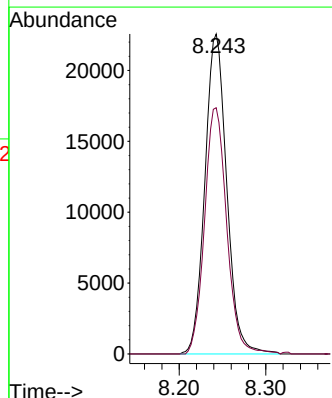
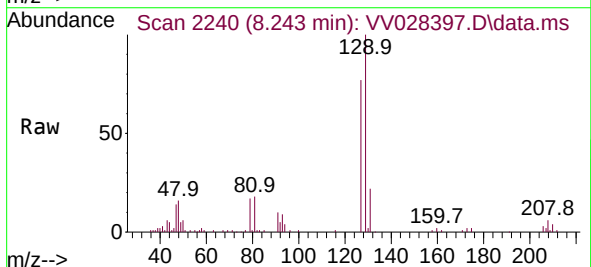
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

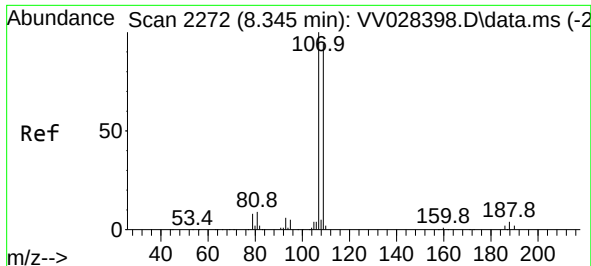
Tgt Ion: 43 Resp: 107300
Ion Ratio Lower Upper
43 100
58 56.5 43.9 65.9
57 17.4 15.1 22.7
100 11.6 9.7 14.5



#49
Dibromochloromethane
Concen: 9.359 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 129 Resp: 39561
Ion Ratio Lower Upper
129 100
127 76.9 53.6 99.6





#50

1,2-Dibromoethane

Concen: 9.610 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD010265

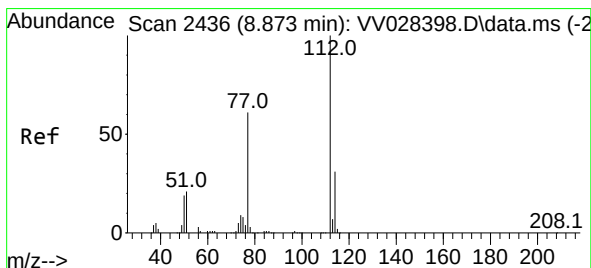
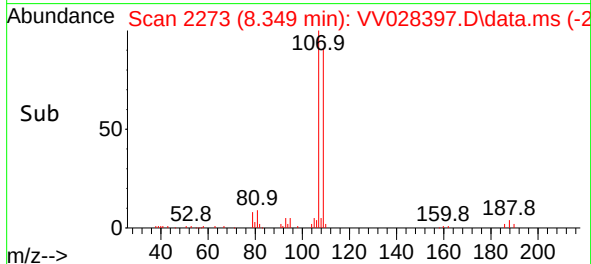
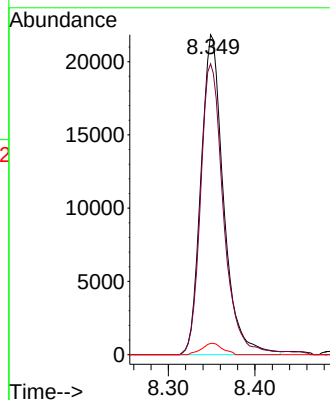
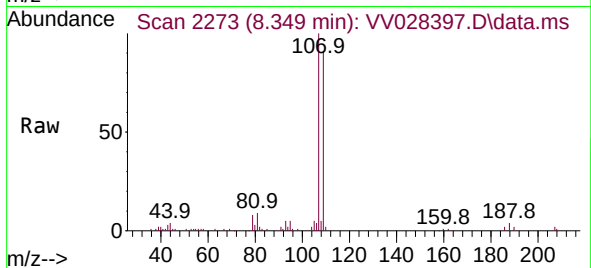
Tgt Ion:107 Resp: 39552

Ion Ratio Lower Upper

107 100

109 90.9 65.9 122.5

188 3.5 3.0 4.4



#51

Chlorobenzene

Concen: 9.487 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

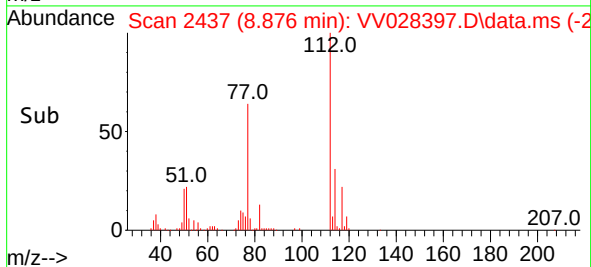
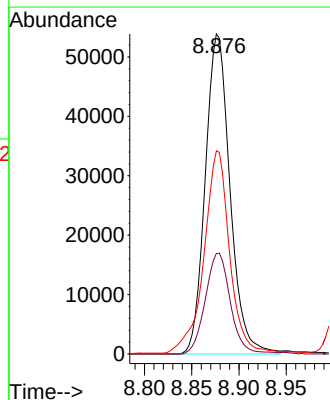
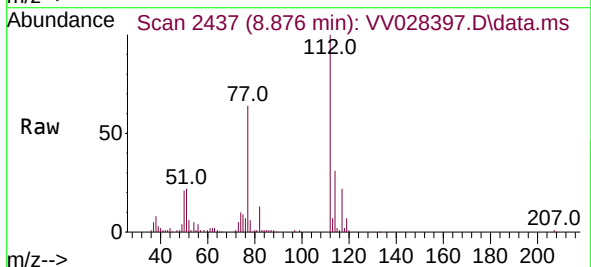
Tgt Ion:112 Resp: 98174

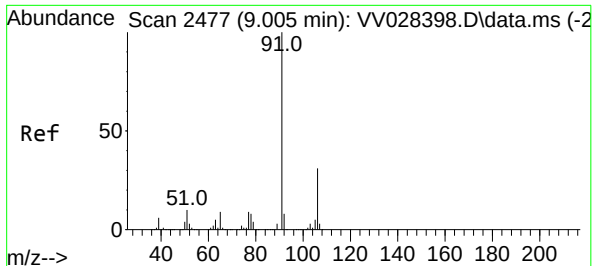
Ion Ratio Lower Upper

112 100

114 31.4 21.7 40.3

77 63.5 48.7 73.1





#52

Ethylbenzene

Concen: 10.763 ug/L

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

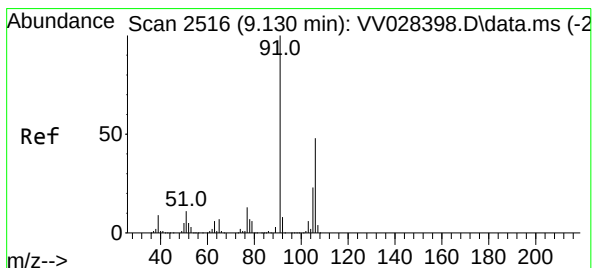
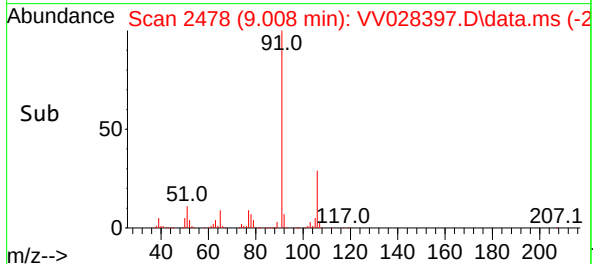
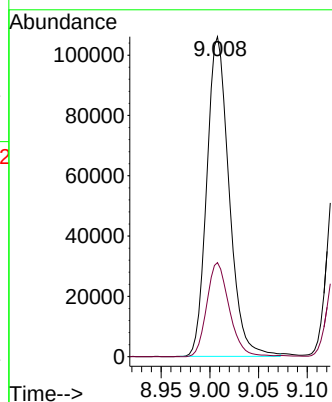
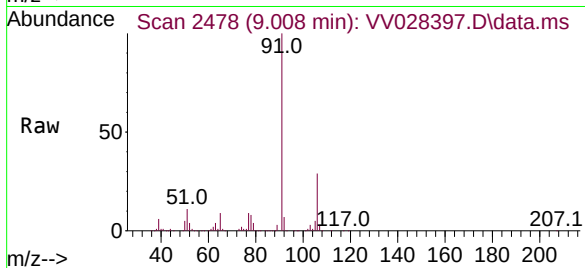
VSTD010265

Tgt Ion: 91 Resp: 169224

Ion Ratio Lower Upper

91 100

106 29.4 21.4 39.8



#53

m,p-Xylene

Concen: 10.490 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV028397.D

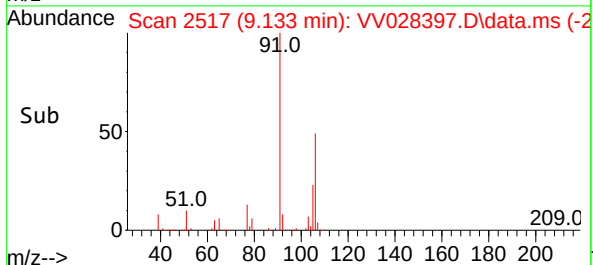
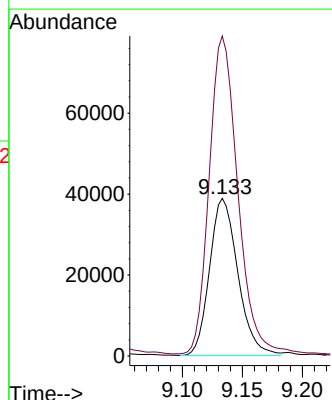
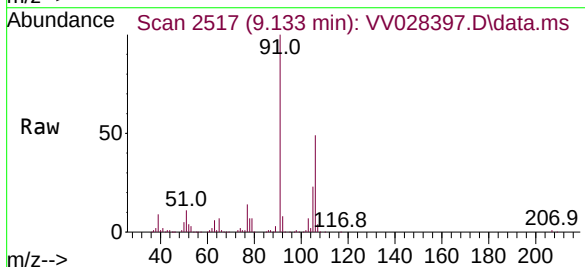
Acq: 07 Oct 2022 10:39

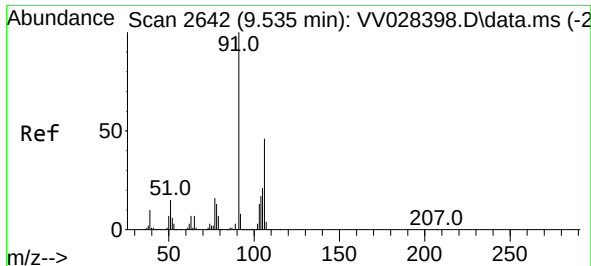
Tgt Ion: 106 Resp: 63624

Ion Ratio Lower Upper

106 100

91 203.1 145.2 269.6

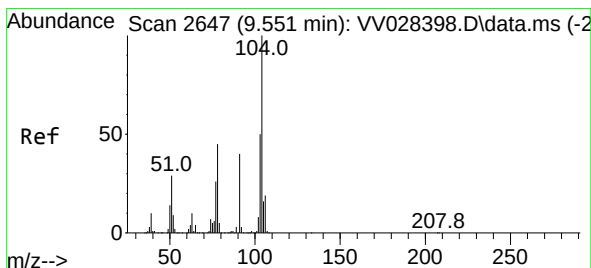
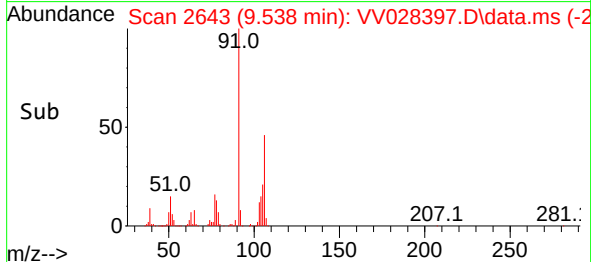
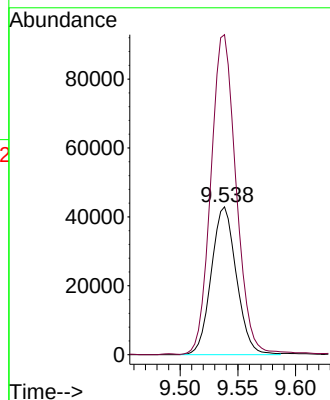
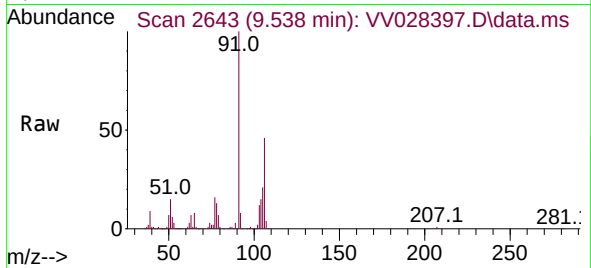




#54
o-Xylene
Concen: 10.936 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

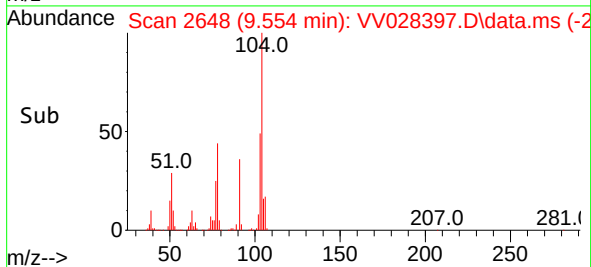
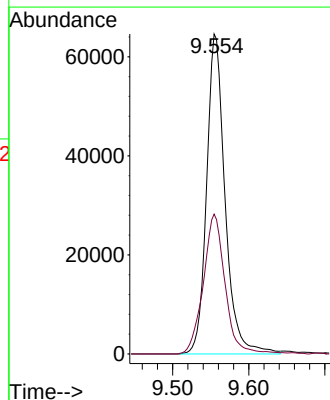
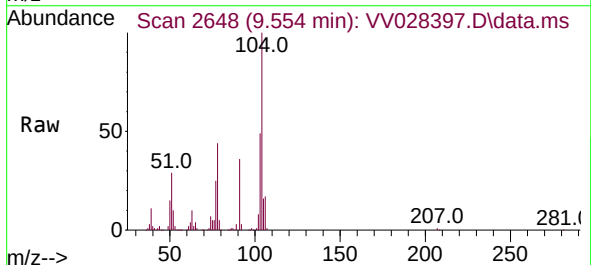
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

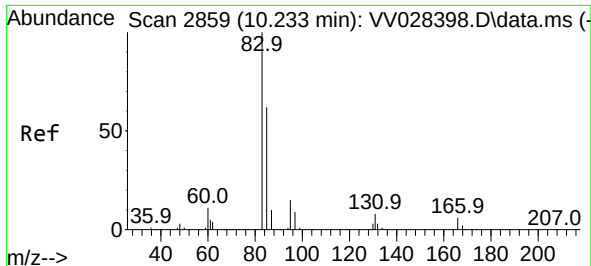
Tgt Ion:106 Resp: 64888
Ion Ratio Lower Upper
106 100
91 216.5 152.5 283.3



#55
Styrene
Concen: 10.612 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion:104 Resp: 109037
Ion Ratio Lower Upper
104 100
78 43.7 31.9 59.2

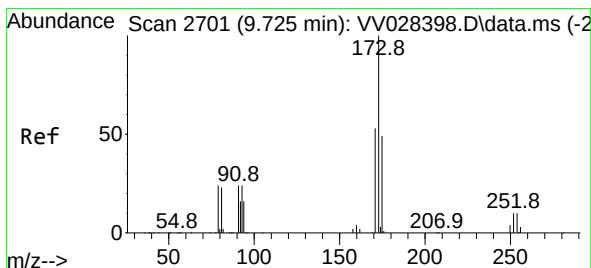
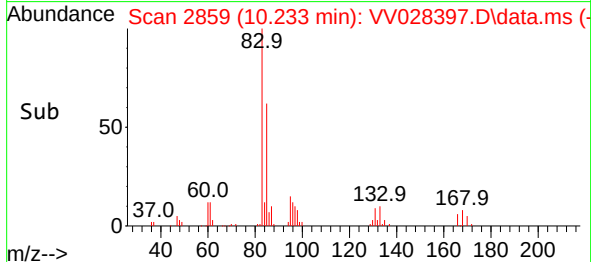
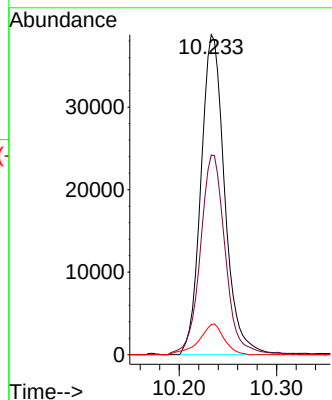
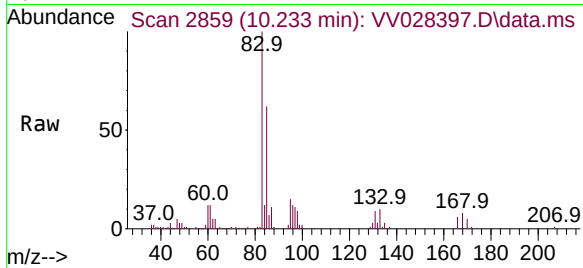




#57
 1,1,2,2-Tetrachloroethane
 Concen: 10.049 ug/L
 RT: 10.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

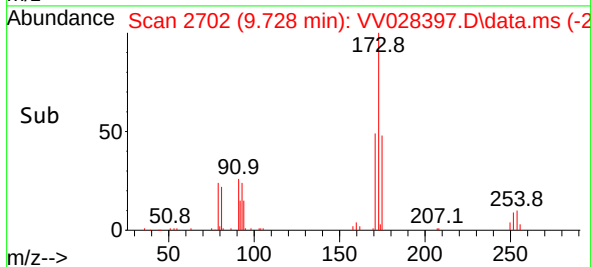
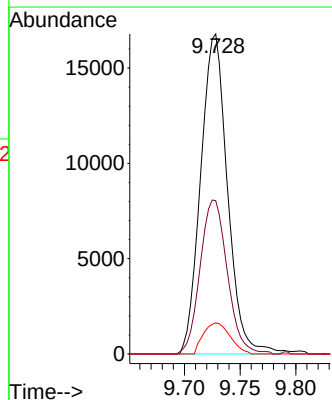
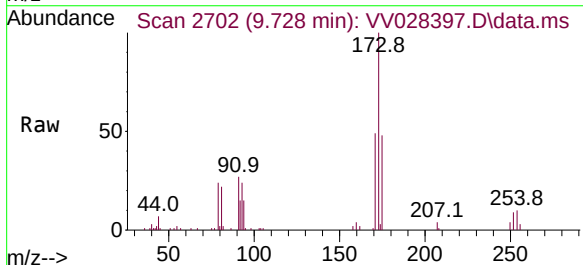
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010265

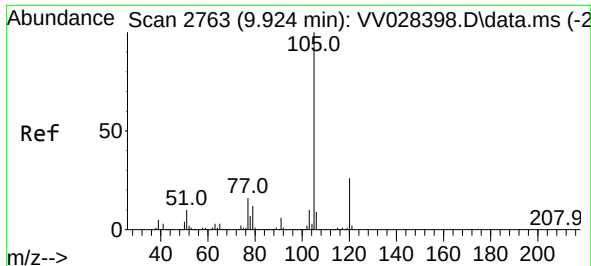
Tgt Ion: 83 Resp: 65533
 Ion Ratio Lower Upper
 83 100
 85 62.4 44.8 83.2
 131 9.5 7.2 10.8



#59
 Bromoform
 Concen: 10.711 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.003 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

Tgt Ion: 173 Resp: 28100
 Ion Ratio Lower Upper
 173 100
 175 48.6 38.6 57.8
 254 9.6 8.4 12.6

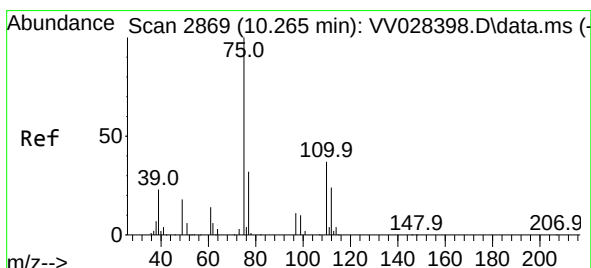
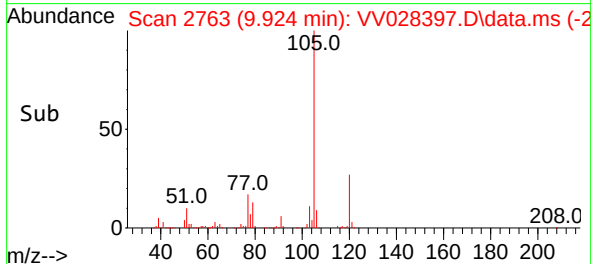
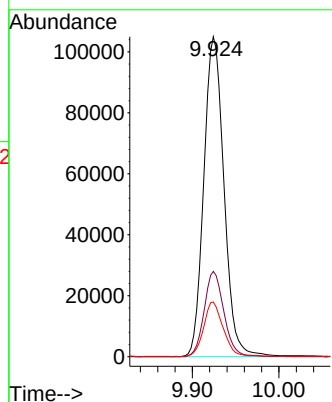
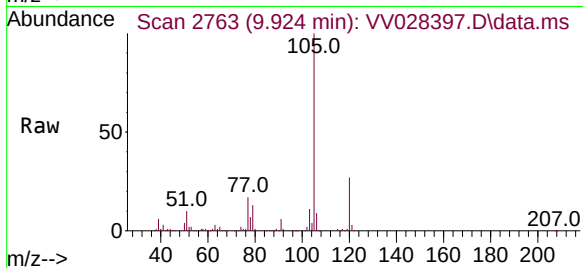




#60
Isopropylbenzene
Concen: 12.151 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

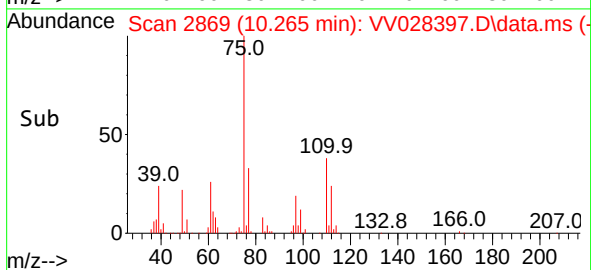
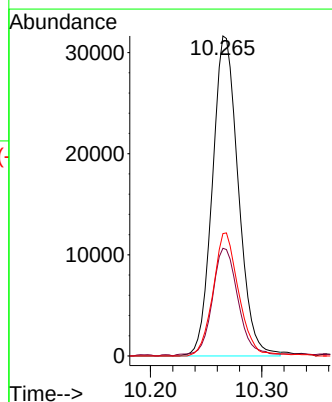
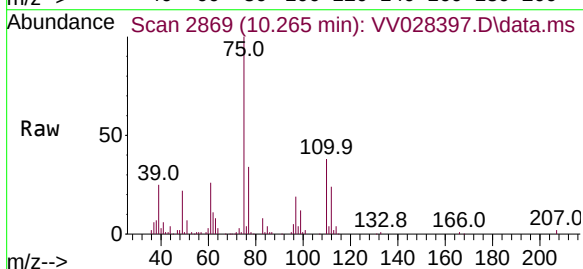
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

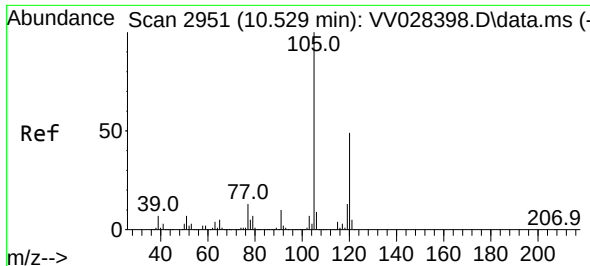
Tgt Ion:105 Resp: 169861
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.5 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 11.001 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 75 Resp: 51100
Ion Ratio Lower Upper
75 100
77 33.8 25.7 38.5
110 38.2 30.0 45.0

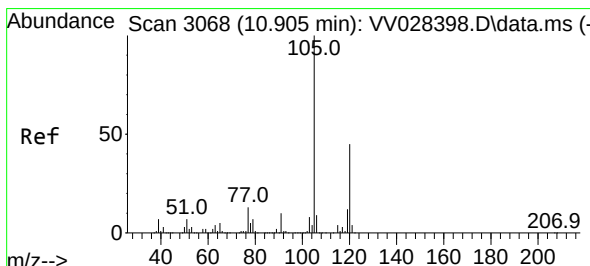
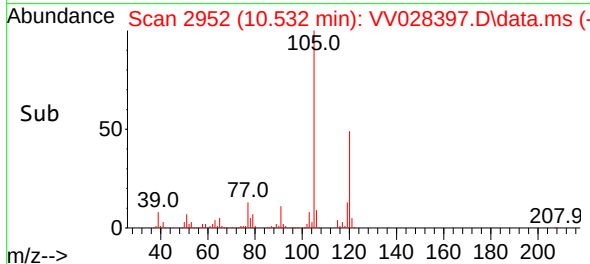
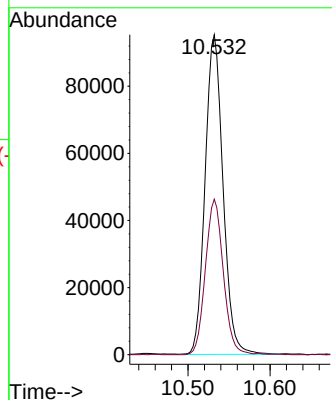
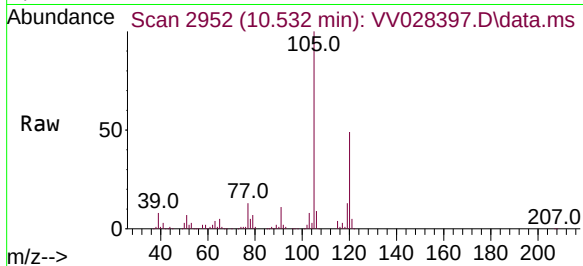




#62
 1,3,5-Trimethylbenzene
 Concen: 12.523 ug/L
 RT: 10.532 min Scan# 2951
 Delta R.T. 0.003 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

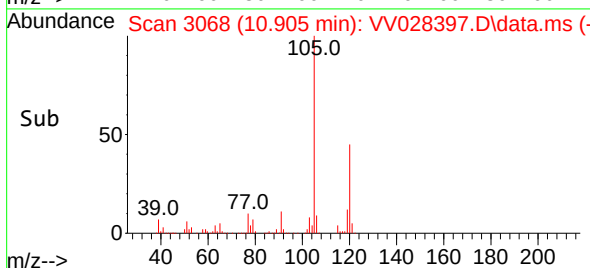
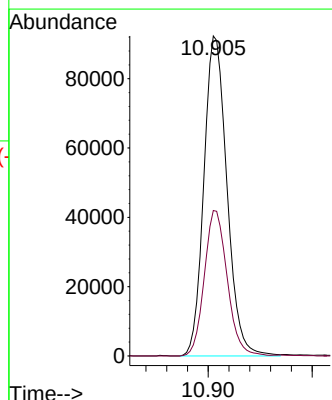
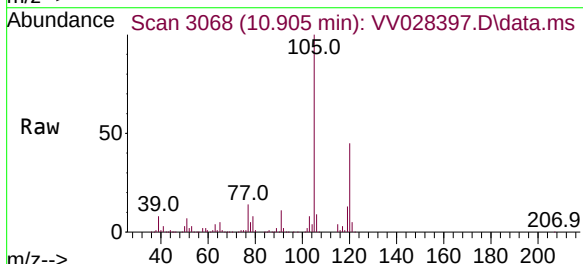
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010265

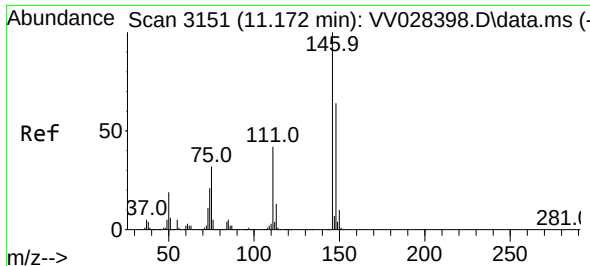
Tgt Ion:105 Resp: 144709
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 12.370 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV028397.D
 Acq: 07 Oct 2022 10:39

Tgt Ion:105 Resp: 142303
 Ion Ratio Lower Upper
 105 100
 120 45.1 35.9 53.9

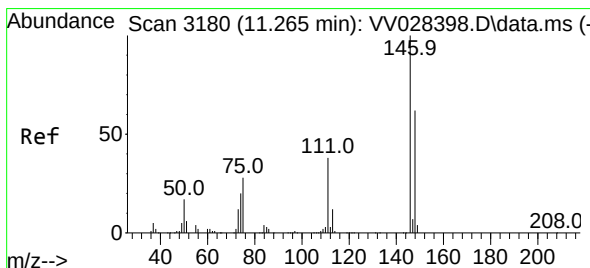
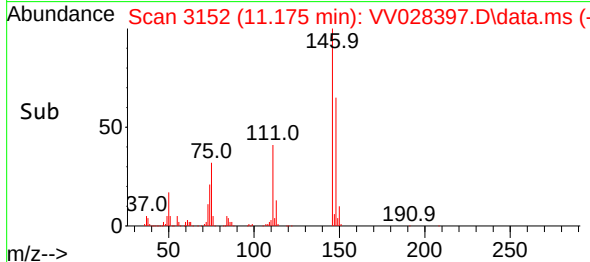
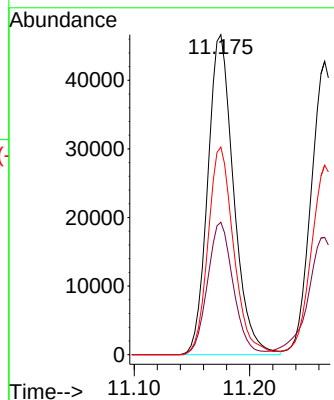
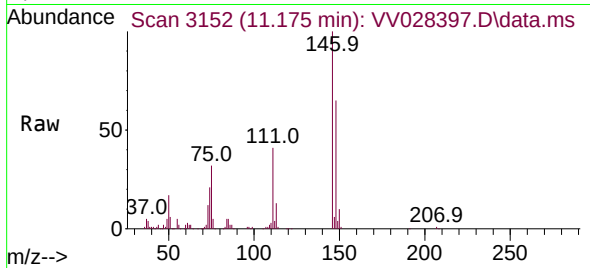




#64
1,3-Dichlorobenzene
Concen: 10.498 ug/L
RT: 11.175 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

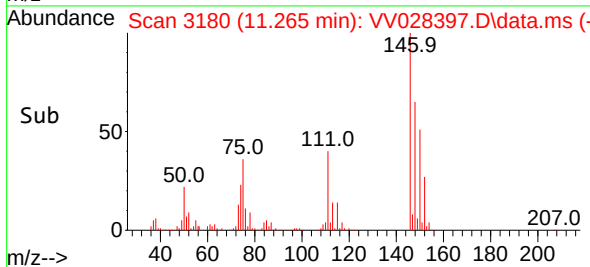
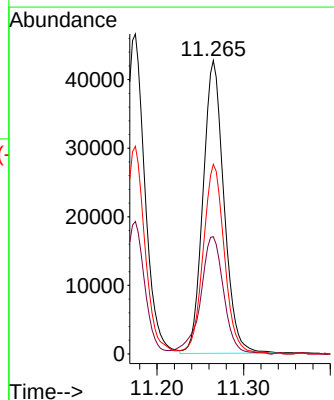
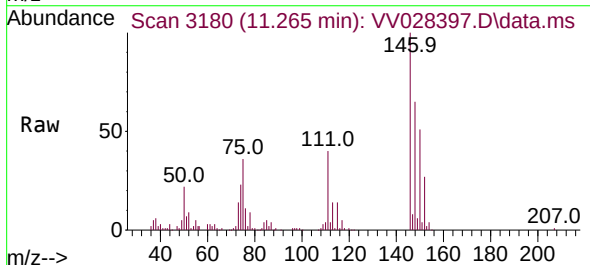
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

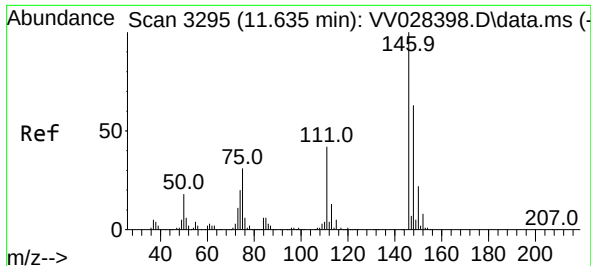
Tgt Ion:146 Resp: 72770
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.9
148 64.9 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 9.806 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion:146 Resp: 71641
Ion Ratio Lower Upper
146 100
111 40.0 26.6 49.4
148 64.6 43.4 80.6

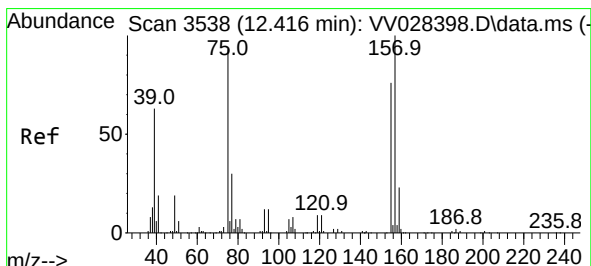
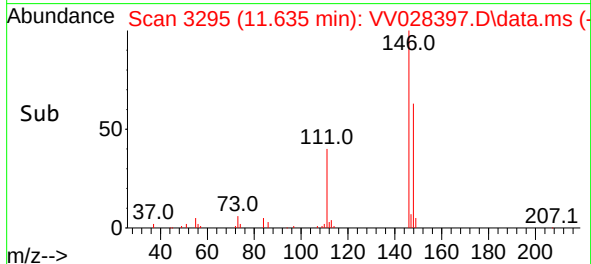
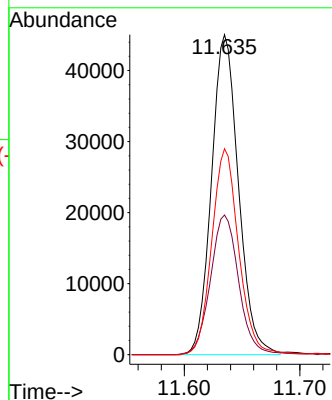
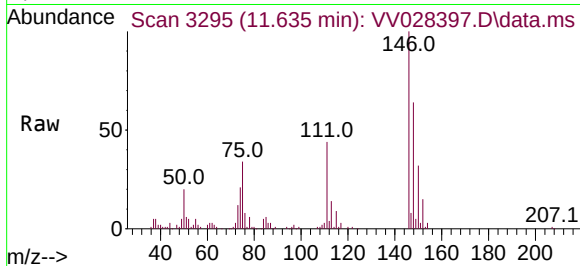




#67
1,2-Dichlorobenzene
Concen: 10.289 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

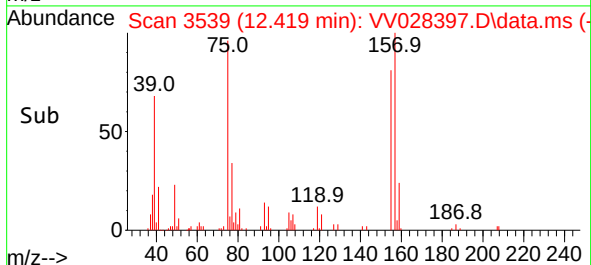
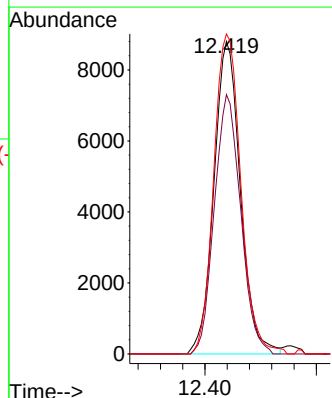
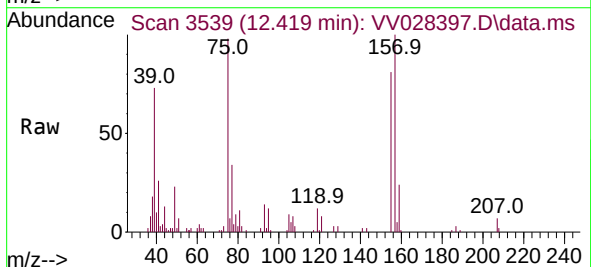
Instrument :
MSVOA_V
ClientSampleId :
VSTD010265

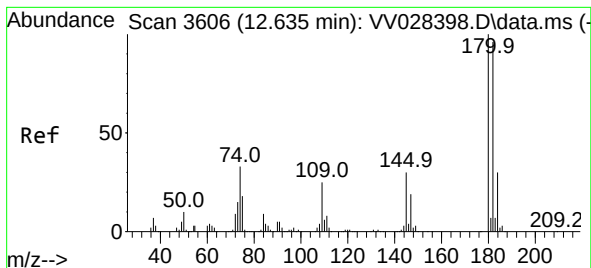
Tgt Ion:146 Resp: 73084
Ion Ratio Lower Upper
146 100
111 43.6 33.9 50.9
148 64.4 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 11.376 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028397.D
Acq: 07 Oct 2022 10:39

Tgt Ion: 75 Resp: 14552
Ion Ratio Lower Upper
75 100
155 83.0 65.0 97.6
157 102.4 86.0 129.0





#69

1,3,5-Trichlorobenzene

Concen: 10.365 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD010265

Tgt Ion:180 Resp: 52029

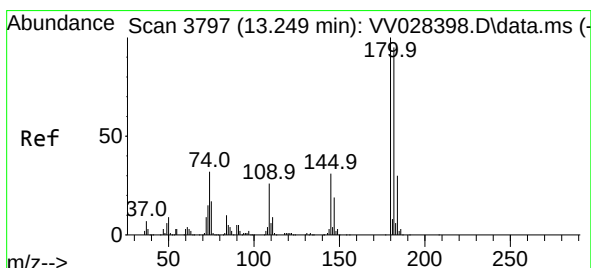
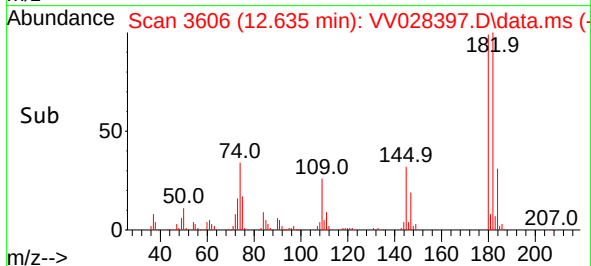
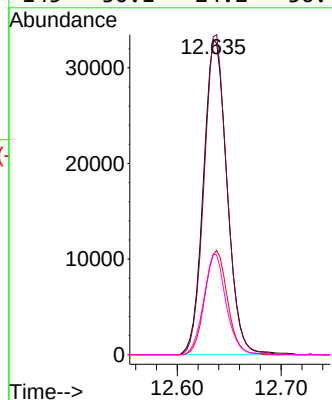
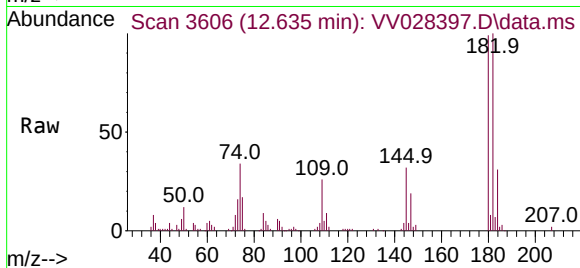
Ion Ratio Lower Upper

180 100

182 98.3 75.9 113.9

184 31.5 24.0 36.0

145 30.1 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 10.280 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

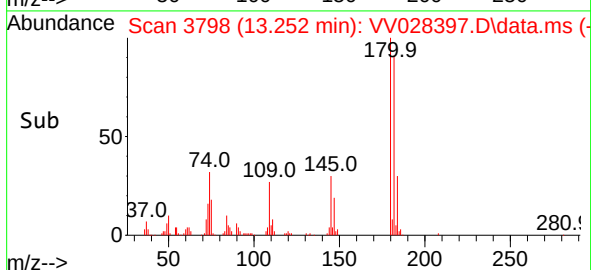
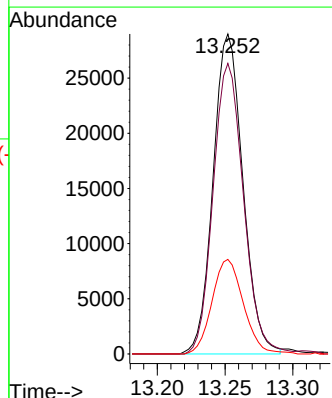
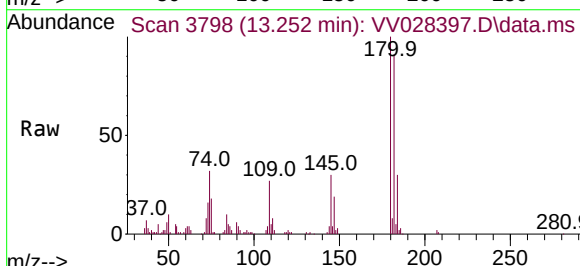
Tgt Ion:180 Resp: 44345

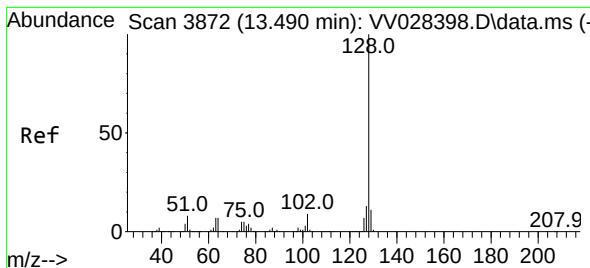
Ion Ratio Lower Upper

180 100

182 92.5 75.3 112.9

145 31.1 24.3 36.5





#71

Naphthalene

Concen: 10.285 ug/L

RT: 13.493 min Scan# 3872

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Instrument :

MSVOA_V

ClientSampleId :

VSTD010265

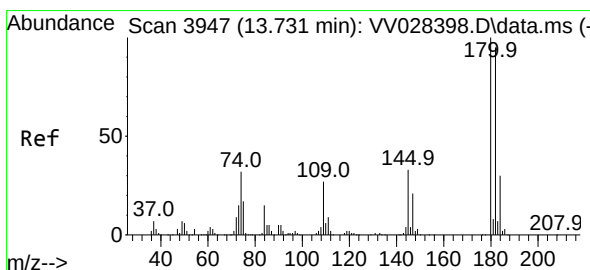
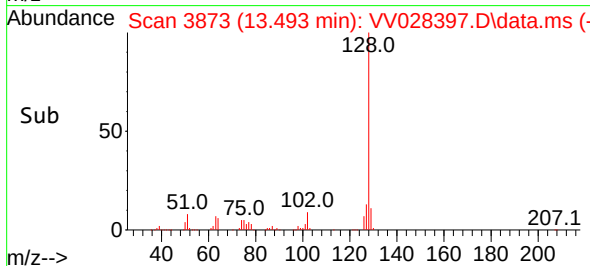
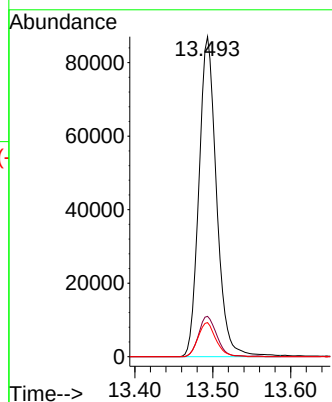
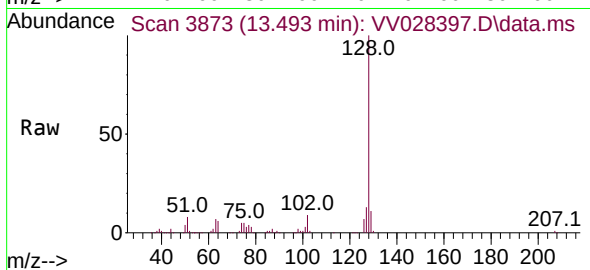
Tgt Ion:128 Resp: 136662

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 10.254 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.003 min

Lab File: VV028397.D

Acq: 07 Oct 2022 10:39

Tgt Ion:180 Resp: 44793

Ion Ratio Lower Upper

180 100

182 92.3 75.4 113.0

145 32.8 26.5 39.7

